

ATTENTION

finlands dx-club r.f.

äldst och bäst

NEDRUSTNING

För sista gången (hoppeligen) skall vi återkomma till "bråket mellan DX-klubbarna", som våra läsare i gallupen tydligt visade att de inte är intresserade av. Men nu är det snarast fråga om f.d. bråket.

Under de senaste tiderna har nämligen, mer eller mindre spontant uppstått kontakter och förtals förhandlingar mellan FDXC och SDXK, vilket resulterat i, att ledarna för dessa klubbar nyligen undertecknat ett "fredsfördrag" där det konstateras, att det inte finns några hinder för ett normaliseringe av förbindelserna (dokumentet återfinnes i sin helhet på sid. 3 i denna tidning). Det kanske tråkigaste med förhållandena, sådana de varit i många år och kanske mest tillspetsat under det gångna året, är den förvrängda och osympatiska bild av DX-ingen i Finland som man kunnat notera på många håll utomlands, t.ex. isamband med Council eller med Anders Svensson-historien. Inte var heller "artikeln" i Hjälpen för DX-are, som vi citerade senast, på något sätt ägnad att förbättra situationen (ny belysning på denna fråga inne i tidningen). Därför har även en kommuniqué på engelska med motsvarande innehåll författats för distribuering till vissa vita organisationer.

Det avgörande i överenskommelsen är, att den överhuvud fatts till stånd; som sådan innehåller den inte just något nytt konstruktivt med ett undantag: att "man beslutat kalla representanter för DX-klubbarna i Finland till diskussionsdagar i mars 1969, ett slags DX-Parlament mao. Detta är betydelsefullt så tillvida, att det då faktiskt gäller alla klubbar, inte bara dokumentets undertecknare.

Hur det än går med diskdagarna - närmare detaljer står ännu inte att få - är det mycket positivt, för alla parter, att denna överenskommelse kommit till stånd. Vi hoppas att den skall stämma ryktes- och förtalsfloden, som flödar utomlands och i Finland - och som vi de facto varit medskyldiga till i viss mån. Och därtill hoppas vi, att den skall vara inledningen till ett samarbete med särskiljande bas och mer vittgående syften och resultat. 1969-02-02 ..

Nummer 2

Februari 1969

Årgång 16

ATTENTION utges 12 gånger per år av Finlands DX-Club, Postbox 10214, Helsingfors 10. Finlands DX-Clubs medlemsavgift, som inkluderar prenumerationsavgift för ATTENTION, är 6 mark per år. Medlemsavgiften betalas på klubbens postgirokonto 15993, i Sverige 547134. Provexemplar av ATTENTION för 50 penni eller 1 IRC.

Redaktör: Staffan Lodenius

Redaktionssekreterare: Christer Herlin

Ansvarig utgivare: Daniel Söderman

KLUBBNYTT

SEDA SENAST

har knappast något överväldigande hänt, om man inte räknar, att red häromveckan uppträddes i BBC, London (som ca 1/200 skratt- och applådeffekt i ett tontigt underhållningsprogram vi av någon anledning fått friplåtar till.

MEDLEMMARNA

har dock i varje fall utökats med en:
484 Seppo Halinen, Lehtisaari, SÄYNÄTSALO

FÖRNYAD KALLELSE

till årsmöte: Alla FDXCs medlemmar kallas härmed till klubbens ordinarie årsmöte den 16 februari 1969 (söndag) kl. 15.00 i klubblokalen Valborgsvägen 4.

MEDLEMSAVGIFTEN

Urs. att vi återkommer till detta krassa ämne. Men har Du betalat Din 6 mk - det är aldrig för sent.

SERIEN

10 år gamla Attention har inte ingått på senare tider - gallupen visade, att intresset för den inte var alltför överväldigande - så jag roade mig med att bläddra i en 5 år gammal, Attention 3/64, den äldsta jag har (och kunde konstatera, att Attention trots allt gått framåt under denna tid). Ledaren behandlade den alltid aktuella, men alltid urvattnade parollen "Alla med!" - Skribenten tog fasta vid att det alltid var samma namn i tidningen och i funktiomärslistan, samma ansikten på mötena. Det är en uppfattning som också jag fått under min tid. Men så tittrade jag på styrelsens och redaktionens sammansättning, år 1964. Inte en enda av redaktionens 12 medlemmar återfinnes i dagens, eller bidrar ens i större utsträckning till tidningen. I styrelsen hittades visserligen duon MR och EG, materialförvaltare respektive suppleant, men för övrigt är även de borta ur verksamheten. Så omsättningen är ändå större än man kanske kunde tro - få se om den är det även vid årets årsmöte.

DETTA NUMMER

utkommer något senare än beräknat men ändå i hyfsad tid. Det artar sig att bli ett omfångsrikt nummer - igen frestas man att tillägga - och även svenskan klarar sin kvot 8 sidor.

NÄSTA NUMMER

uppenbarar sig approx. 27 februari, och bidraget skall vara i boxen senast den 20 samma månad, please.

PÅ NÄSTA SIDA

återfinnes det famösa papperet, varom ledaren språkade. Tyvärr kan vi inte bifoga det idylliska fotografiet från ratificeringstillfället, så professionella tvivlare kunde se hur mysigt allt är nuförtiden.

SLUTLIGEN

passar vi på och önskar en en angenäm runebergsdag!

Suomalaisten DX-kerhojen välistä toimintaa on viime vuosina suuresti haitannut kerhojen välisen suorien yhteyksien puute. Mm. tästä johtunut, osin virheellinen informaatio on heijastunut DX-lehtien kirjoiituksissa. Valitettavinta on, että suomalaisesta DX-elämästä tätä on levinnyt ulkomaillekin vääristynyt kuva. Samanaikaisesti on erällä tahoilla esintynyt todeneräisyydeltään tarkistamattomien hihujen aktiivista levittämistä, mikä on ollut omiaan vain lisäämään alkeellisimmankin yhteistoiminnan esteitä.

Huolestuneina tällaisen asiantilan pitkäaikaisen jatkumisen seurauksista ovat allekirjoittaneet kerhot päättäneet tehdä aloitteenvaiheen tilanteen korjaamiseksi. Käydyissä keskusteluissa on todettu, ettei esteitä suhteiden normalisoinnille ole. Samalla on päättetty kutsua suomalaisten DX-kerhojen edustajat neuvottelupäiville maaliskuussa 1969.

Samarbetet mellan DX-klubbarna i Finland har under de senaste åren i hög grad försvårats av bristen på direkta kanaler mellan klubbarna. Bl.a. detta har lett till att delvis felaktig information har återspeglats i DX-tidningarna. Mest beklagligt är att en förvrängd bild av det finländska DX-livet sålunda har spritts även till utlandet. Dessutom har på vissa håll förekommit ett aktivt spridande av rykten vilkas sanningshalt inte har kontrollerats, vilket har varit ägnat att ytterligare försvåra även det mest elementära samarbete.

Bekymrade över de följder som ett långvarigt fortgående av ett dylikt sakernas tillstånd kan föra med sig, har undertecknade klubbar beslutat att ta initiativet till ett förbättrande av läget. Vid de förda förhandlingarna har konstaterats att det inte finns några hinder för ett normaliseringe av förbindelserna. Samtidigt har man beslutat kalla representanter för DX-klubbarna i Finland till diskussionsdagar i mars 1969.

Suomen DX-Kuuntelijat r.y.

Jyrki K. Talvitie

Iirkka Pitkänen

Finlands DX-Club r.f.

Daniel Söderman

Martti Rinne

Värje gång förblir låddan lika tom när vi sorterat bort de olika sidbidragen. Detta trots att det ändå hänt l och annat med Attention under senare månader. Tydlig kunde man göra nästan vad som helst utan reaktioner. Visserligen är det mot Brevläddans karaktär och uppgift att tvinga eller tigga till sig kommentarer, men det vore ändå roligt om det kunde bli mer "fjong" på den, jämför med "In the Mail"! I alla fall har det kommit ett bidrag: Kai-L-H. STABEN, Nynäshamn:

"Hej OM's!

Med anledning av er presentation av Peru-stationer, saknade jag uppgifter om "raringen" (raritet) Det rör sig om Radio Piura, OAX1B som på sin tid (WRTH 1966) sände på approx. 6198 kHz (snarare 6205 kc/s). Stationen är belägen i staden Piura. Jag lyckades höra den en enda gång på ovannämnda QRG'n och efter en tids väntan kom även QSL. Det blev jag SM-1 på (vilket förstås retade en hel del svenska DX-are, som trodde jag var en bluffmakare), (även mitt efternamn låter ju kanske litet misstänksamt

i svenska öron).. Emellertid (jag var då "nybörjare" som DX-are, år 1965) hade även en annan svensk DX-are (en gammal "räv" redan då) hört stationen och eftersom QSLet också var OK, "godkändes" min loggning. Uppgifter om stationen hittar ni i WRH 1966. I WRH -68 kan jag inte hitta R Piura längre så troligen slutade den med sina KV-sändningar, eller också stängdes den för gott. Vet ni något om dennes öde? - En annan fining då var R Copacabana (då på R Timbiras QRG, 4975 kHz) som också hördes av mig och ovannämnda DX-are. Även här fick bara jag ett QSL (troligen SM-1). Vet ni mer om denna brassen? 73's de KHS"

Tack för det! a. R Piura uppträder sedan -67 som OAX1Y R Sudamericana (samma fq, adress och ann.) b. Nej. Om Du eller nån annan har material (bild- eller textdo) om dessa eller andra "finingar" som inte publicerats i Attention, är vi mycket tacksamma för bidrag. -Jag hoppas att de trubbel som uppstod i samband med betalningen av WRTHn har klarats upp vid det här laget. sl

HERR REDAKTÖR

"Till min stora häpnad fick jag höra av en vän att jag hade skrivit en artikel om "DX-ing i Finland" i Hjälp. Han hade läst artikeln i Attention (FDXC). Själv har jag inte tillgång till vare sig Hjälp eller Attention, men har nu lånat mig båda.

Artikeln var en tråkig överraskning för såväl mig som mången annan. Jag måste på det beständaste tiga, att jag inte bär ansvar för vad som skrivits i Hjälp under mitt namn. En del av materialet har tydlig plockats ur ett privatbrev, som skrivits på sommaren 1968 till en privatperson i FRK. I brevet stod tydligt vilken information, som kunde publiceras, d.v.s. faillet Anders Svensson och de officiella QSL-uppgifterna. Nu hade redaktören gjort en artikel av detta brev och försett materialet med en bild och titel. Resultatet blev ett osmakligt angrepp mot FDXC.

jag tycker inta att det är lämpligt att använda DX-pressens stora kraft i den s.k. DX-klubbspolitiken. Enligt min åsikt bör eventuella oenigheter mellan klubbar behandlas direkt genom klubbarna, antingen genom personlig kontakt eller brevledes.

Under de senaste månaderna har det gjorts många lyckade försök för att komma över oenigheterna mellan klubbarna i Finland. Relationerna har förbättrats betydligt och vi kan koncentrera vår verksamhet på verkelig DX-ing i en saklig och vänskaplig anda.

Jag ber om ursäkt, att jag utträkat läsarna med dessa rättelser och hoppas få återkomma senare med mera DX-mässigt material.
Jukka Kivi"

Denna insändare skrevs till HfDX, men tillställdes även Attentions redaktion för publicering.

INSÄNDARE

ATTENTION 1968

ATTENTION 1968

Liksom tidigare i början av året presenteras här en innehållsförteckning över artiklar o.a.dyl. i föregående årgång av Attention. År någon intresserad kan han rekvirera lösnummer från medlemsservicens till ett pris av 0,70 mark.

Attention 1/68 34 sid.

Modell '68

Station Topics: Maldives Islands Broadcast. Soc., ABC/Port Moresby, R Universidad de Tarija, R Santa Fé QSL-statistik

Attention 1967

Attention 2/68 30 sid.

QSL-register?

Arsmötesprotokoll

Station Topics: R Litoral, R One, R Hong Kong

SINPO-coden

Ronden

Selfmade: Christer Herlin

Rapport (över förhandlingar mellan FDXC och FSDXF)

Årsberättelse

Attention 3/68 20 sid.

Nordiskt radiosamarbete?

En kryssning till Karibiska havet

The Scandinavian DX-Contest 1968

Attention 2-3/58

Andra ronden

Attention 4/68 28 sid.

Häxjakt i modern tappning

Attention 4/58

Russkaja radiostantsija

R Portugal vs. ISWC

Station Topics: TGNA, Radioemisoras Bolivia

Letter from R Aparecida

A DX-Cruise to the Caribbean (2)

Tredje ronden

Selfmade: Lars-G Winberg

European DX-Council: En kommentar

Attention 5/68 34 sid.

DX-ingen, en kufisk hobby

Attention 5/58

The Reciever

R Portugal vs. ISWC (2)

Landlistor och FDXC

Council höll årsmöte

Landskampsresultat

Fallet Anders Svensson

Ansiktet utåt

DX-landskamper 1959-66

The DX-Window

Station Topics: BBC/Ascension Isl

R Brunei

A DX-Cruise to the Caribbean (3)

Fjärde ronden

WRTVH-news

Attention 6/68

8 sid.

Aktuellt

DX-Parlamentet 1968

Attention 7/68

26 sid.

Meddelande

Femte ronden

BBC & Gud skapade ingen brådska..
..(kommentarer)

Bolivia

A DX-Cruise to the Caribbean (4)

Station Topic: Radiodiff Nat Lao
The Reciever (2)

Attention 7/58

DX-läger i Pörkenäs

Attention 8/68

4 sid.

Händelserna i Tjeckoslovakien och
DX-ing

Attention 9/68

28 sid.

Attention i stöpsleven

Gallupen-resultat

Story of FEBC

A DX-Cruise to the Caribbean (5)

Peru

The Reciever (3)

Attention 10/68

34 sid.

Invasionen av Tjeckoslovakien

Sjunde ronden

Forty Years of Peace, Cheer and Joy

Installating a Q Multiplier

A DX-Cruise to the Caribbean (6)

Peru (2)

Angola

Station Topics: R Emis Juan XXIII

R San Juan

In the Mail

Medium Wave DX-ing in the late

Fifties

Attention 11/68

32 sid.

Åttonde ronden

Which antenna?

The Cedar CR 45 K

My Receiving Equipment (N Pilgrim)

Using AVC or not

Station Topics: FEN-Tokyo, RVOG

Brazil

In the Mail

Medium Wave DX-ing in the late Fifties (2)

Attention 1/69

32 sid.

DX-lyssnare

Nionde ronden

"DX-ingen i Finland"

Selfmade: Göran Eklund

Är små klubbar av ondo

Which antenna? (2)

Tecnichal Mailbag

Introduction: Jack Bacon, Jr.

Radio & DX down under in Aussiland

FDXC and R Finland

Station Topic: R Victoria

In The Mail

Medium Wave DX-ing in the late Fifties (3)

Dessutom iide flesta nummer: Klubbnytt, Aktivitetstävlingen, QSL-spalten, DX-Hints (On the Bands), Vimpelstatistiken och MW-hörnan.

VIMPLAR

Följande vimpelanmälningar har inflyttit: Torre Ekblom: DLF, Ejner Pedersen: R Santa Fé (2 st), V of Free Korea (FIA), EAJ-101 R Zaragoza, R Canadas klubbvimpel.

-ch-

TIONDE RONDEN

ALLIANSNYTT 128/69, har denna gång lyckats komma upp till hela 21 sidor vilket ju är glädjande. I dess ledare "Idealitet till förbannelse" behandlas endel brännande problem i DX-världen. Några sidor upptas av protokoll, som vanligt. Sedan följer en skrivelse angående QSL-en, som QSL-kommitén kommenterar. Säkert av intres-

se för den nitiske DX-aren. En recension av inkomna tidningar och där efter DX-Alliansens program över HCJB och i samband med detta en kommentar över den dåliga kvaliteten på rapporterna på ifrågavarande program upptar de följande sidorna. Klubbnytt, klubbpresentation och Blandat innehåller också många intressanta bitar. Slutomdöme: 21 sidor faktiskt intressant läsning.

DX-KUUNTELIJA 1/69, går i den gamla vanliga stilens: en massa sidor med massor av liten text. Ledaren "Ajankohtaista" behandlar mest interna saker som är av mindre intresse för utomstående. Från SDXK:s årsmöte, som hölls den 4 januari, rapporteras i ord och bild. Sedan följer som vanligt stationspresentationerna; (R Valentín Leteriél

Chile, R Valera, R Rural, R Sociedad de Feira de Santana, BFBS, Singapore, EAJ-32 R Lineares, KSL och CHUM). QSL-tilasto 1968 upptar en hel mängd sidor, liksom också alla QSL-anmälningar och tips. Däremellan finner vi de regelbundet återkommande spaltena: Pentti sedän palsta, Tekniikka, Naisten nurkka, Letter from the Pacific, och Lehdistökatsaus. Slutomdöme: 56 sidor delvis intressant läsning.

FREKVENSNYTT 1/69. När man ser siffran 11 blir man onekligen imponerad, men efter att ha sett innehållet är det nästan enbart MW-tipsen och Teknisk revy (behandlar selektivitet och känslighet) som imponerar. Intressant att läsa är Kim Lindströms syn på bluffare.. En artikel som resulterats av att en del av Dani Södermans

artikel "Medium Wave DX-ing in the late fifties" (Attention 11/68) klippats och kommenterats av Jyrki Talvitie i DX-Kuuntelia (1/69), som för övrigt går på samma linje som DS.KL däremot är av helt annan åsikt än dessa två. Man får hoppas att flera kommentarer och åsikter kommer att publiceras i FQN i fortsättningen, eftersom de tydliggen vill ha en debatt i frågan. Slutomdöme: 46 sidor minimalt intressant läsning.

URKKIJA 1/69. Vår underhyresgäst har åter nedkommit med en skrift, vars pärmbild återger ett typiskt redaktionsmåte (slagsmål, "Du ska bara våga skriva att jag förlorade bandtävlingen"). Den traditionella QSL-såstatistiken, för 1968, publiceras i detta nr, vi noterar att URKarna fått 594 SW + 363 MW-QSL från 247 stationer i 120 olika länder, att ökningen från 67 är 7%, att mest pop på SW är Polskie R 37, Norea R 18, CBC 15 och BBC 12, att motsvarande MW är D-funk 9, R Manresa 8, R Jerez, RNE Barcelona och SWF 7. Arriba España-

DX-RADIO 12/68. Som vanligt. Bäst är omslagsbilden, en flower-power

DX-RADIO 1/69 är Sveriges Radio-klubbs 25-års jubileumsnummer. En mycket aktni svärd ålder för en DX-klubb. Grundningshistorien är intressant: i januari 1944 ingick i Aftonbladet en annons: "Kortvågslyssnare! Brevkontakt sökes med likasinnade för utbytande av

KORTBÖLGENYT 1/69 eller Shortwave News som denna internationella edition väl bör kallas, är alls icke någon teknig tidning. Som vanligt är den strängt saklig till innehåll och utförande (duplicer-

CIMBRER DX-NEWS, den andra danska klubben, har nu i januari utgett en 14-sidors lista över latinamerikanska reklamer. Den upptar 750 reklamer skilt från Brasilien och

FRENDEX 12/68. Tidningen utges av North American Shortwave Association, är duplicerad på A4, vanligen omkring 50 sidor, litet bilder. Klubben och tidningen skil-

na-spalten ("Arriba España!" var f.ö. den fascistiska hälsningen i spanska inbördeskriget - på regeringssidan användes "Salud!"...) byter red. i februari, då PJ Vahtra, som hittills skött den, inträder i statstjänst. I presentationstur är RNE/La Coruña, därutöver ges råd för identifiering av spanska stationer: bolagets namn nämns ofta i programmen; orts- och provinsnamn underlättar identifieringen; siffrorna på spanska bör kunnas, med tanke på callet. - I "Radio - TV i Europas småstater" presenteras endast R Monte Carlo, då varken Liechtenstein eller San Marino har egen verksamhet.

Överföringsbild från R Tupí: Somos do amor, do motor e da flor - Vi är för kärlek, motorer och blommor.

erfarenhetre." Det kom 150! svar till annonsören, Birger Lundström - fortfarande klubbens ordförande (!) - och ännu **inom samma** år 1944 överstag medlemsantalet 1000! Det var tydlichen ett verkligt stort behov klubben och tidningen hade att täcka.- Vi vill framföra våra hjärtligaste gratulationer till kvartsseklingen!

rad, saknar helt bilder). Tipspalten är imponerande: över 300 st av genomgående hög klass, var till kommer "overseas members" och MW. Även nyhets- och LA-sidorna är omfattande. V of Righteousness på Taiwan, ELWA och Korean BS behandlas denna gång

övriga LA, och anger på spanska/ portugisiska och engelska vad för slags artikel det är. Listan kan beställas från: Ivan Stensgaard, 8320 Maarslet, DANMARK. Priset är 2 IRC per st.

jer sig delvis från dem vi är vanliga vid, medlemmar i pensionsålder är inte alls ovanliga, likaså är 12-13 -åringarna representerade. Innehållet är inte heller så 100%-igt DX-betonat, vi finner t.ex. artiklarna: "Radio in the life -

and death - of Che Guevara", baserad på hans dagbok, eller "America Speaks to the Reich", från Europa år 1940. För att inte tala om julbetraktelser och -dikter, råd till DX-arens hustru/föräldrar etc. Detta betyder inte att DX-sidan skulle vara försummad -

ETERAKUELTT 1/69 känns litet som en antiklimax efter superjulnumret utan att för den skull vara dåligt. Artikelserien "Cuba, sí! eller hur man håller en ö flytande genom att gräva hål på den" - den något kryptiska andra delen i rubriken får nu sin förklaring: den anspelear på att förf. fick jobba med att gräva hål för kaffe- och trädplantor i dettar "Institut för guerillakrigföring" (enligt New York Herald Tribune) - ja artikelserien fortsätter alltså. - Därpå berättas om World Radio Club Award - WRC är BBCs DX-klubb och WRC Award fås genom att sända tre rapporter från varje av dessa BBC relästationer: Great Britain,

tvärtom är alla de traditionella spalterna välgödda även de. Det är intressant att se att man i US inte förefaller lika mycket inriktad på LA som vi, utan snarare på Europa-Asien. Så väsrt överraskande är det förstås inte.

Cypern, Ascension, Malaysia. Mottagartesten gäller denna gång en transistormottagare: Nivico FA-900N, en ganska okänd, men tydlig en rätt bra andra-mottagare till rimligt pris. MV-översikten har väl aldrig varit så bra och omfångsrik tidigare i EA - två sidor loggningar utan europeer. -MV är ämnet även för Beffs utrops-tecken på novissidorna, där nytliga råd utdelas. -Närmast för att kunna avväga proportionerna mellan de olika avdelningarna i kommande EAn, ställs läsarna inför en gallup, som har rätt mycket gemensamt med Attentions i somras. Om vi härtill lägger att de vanliga spalterna är som vanligt ... har vi lyckats bevisa att man vid behov kan dra ut sådana här recensioner ganska långt...

DEN POPULÄRASTE SVENSKSÄNDANDE RADIOSTATIONEN - OMRÖSTNING

DX-A

Liksom under tidigare år anordnar DX-Alliansen en omröstning för att kora den populäraste svensksändande stationen och stimulera intresset för dessa stationer. Även FDXCarma har inbjudits delta och med detta nummer medföljer röstsedlar, som skall returneras till FDCA senast den 15 mars 1969 - Du kan lämpligen bifoga den till Diana bidrag till februarienumret. De exaktare uppgifterna om omröstningen finner Du här nedan:

TÄVLINGSREGLER

1. Alla svenskförlägande DX-are i Skandinavien äger rätt att rösta.
2. Följande stationer sänder på svenska och kan få röster: HCJB, R Japan, R Luxembourg, Polens R, R Moskva, R Tallinn, R Riga, RBI, Deutschlandfunk o. Vatikanradion.
3. Poängberäkning: Den station som på röst edeln rankas 1:a får 3 poäng, 2:an får 2 poäng och 3:an 1 poäng. Den station som vid sammanräkningen fått flest röster (= röstpoäng) är populärast och har vunnit omröstningen.
4. Kontroll kommer att göras, så att DX-are inte röstar mer än en

gång.

5. Priser: Ett 40-tal priser, som skänkts av de svensksändande radiostationerna utlottas bland dem som röstat. (Bl.a. transistorapparater, böcker, LP-skivor, dockor, skålar och plånböcker.)

6. Eventuellt kommer ett extra pris att utdelas till den klubb, vars medlemmar procentuellt har deltagit bäst. Detta gäller dock ej klubb med mindre antal medlemmar än 15.

7. Diplom kommer att utdelas till de stationer som vid omröstningen visat sig vara populärast.

8. Kontrollör vid dragning av priser: Av DX-Alliansen utsedd kontrollör.

9. Resultatet av omröstningen och de vinnande DX-arnas namn publiceras i samtliga deltagande DX-klubbars organ och meddelas i DX-programmen. Dessutom kommer de svensksändande stationerna att meddelas per brev.

10. Röstsedlarna skall vara klubbarna tillhanda före den 15 mars 1969, och skickas till in tävlingsledaren senast den 1 april, 1969.

TILL FINLAND ANLÄNTA QSL UNDER ÅR 1968

J.K.Talvitie / M.Rinne

Den årliga QSL-statistiken har ju vanligtvis återkommit i årets första nummer av Attention, så dock inte denna gång, som syntes. En annan nyhet för i år är, att statistiken omfattar alla finländska lyssnare, ej som tidigare bara FDXC-medlemmar, detta för att få med alla stationer, och samtidigt ge icke-finländare en bättre bild av DX-ingen i Finland, utan någon klubb-propaganda. Statistiken är även till den del rätt ovanlig, att den är uppgjord i samråd med Suomen DX-Kuuntelijat. Egentligen är den uppgjord av SDXK:s ordförande Jyrki K. Talvitie. FDXC har endast stått till tjänst med uppgifter från de månader då QSL-en i Attention saknade signaturer. Alla svartmålare till trots kan även dessa två klubbar samarbeta, vilket väl alla noterar med tillfredsställelse, det är att hoppas att samarbetet utökas även till andra områden.

Så tillvida avviker denna statistik från den som publicerats i DX-Kuuntelija, att vi har länderna i den ordning de förekommer i WRTVH 1969, samt att stationer i länder vilka hör till två världsdelar är listade i samma tabell under den världsdel där "huvuddelen" av landet i fråga kan antas ligga (= enl. WRTVH)

Antalet QSL under senaste år har ökat rätt litet, endast ca 4%, men i stället kan en märkbar kvalitetsförbättring märkas, detta synes också av det faktum att antalet verifierade länder (enl. MLT) detta år uppgick till hela 169, en ökning med 14 från senaste år, vilket var senaste rekordår. För att ge Attentions läsare en liten blick på situationen under de senaste 5 åren före 1968, kommer här nedan att presenteras två tabeller, vilka visar utvecklingen. Även dessa är sammanställda av JKT.

Tab. 1: Antal verifierade stationer (världsdelvis) och länder 1963-68

År	Stationer							Länder	År		
	Eu	Af	As	Pas	NA	CA	SA				
1963	95	52	53	10	39	16	75	150	340	140	1963
1964	135	63	76	9	73	27	95	300	266	145	1964
1965	137	60	78	8	111	20	110	324	270	143	1965
1966	138	68	80	8	93	26	100	292	288	150	1966
1967	147	70	97	10	55	22	118	266	336	155	1967
1968	167	74	104	10	64	18	155	299	374	169	1968

Tab. 2: Antal QSL världsdelvis åren 1963-68

År	Eu	Af	As	Pac	NA	CA	SA	Summa	År
1963	1937	640	654	76	275	84	267	3933	1963
1964	2554	737	795	118	391	143	423	5161	1964
1965	3853	635	981	112	748	210	447	6986	1965
1966	5019	939	120	123	448	215	479	8426	1966
1967	5729	1175	1470	155	442	208	887	10069	1967
1968	5907	1074	1585	151	460	187	1115	10479	1968

Ur tab. 1 saknas totalantalet olika stationer: 63 - 340, 64 - 478, 65 - 524, 66 - 513, 67 - 521, samt 68 - 592.

<u>EUROPE</u>	SW	MW	R Sofia	SW	MW	Yleisradio	SW	MW	År
R Tirana	81	37	RTB	55	19	ORTF	43	12	
R Andorra	-	2							
Sud Radio	-	6	R Prag/CR	126	30	BRF	16	44	
						DW	100	-	
ÖRF	95	16	R Denmark	105	3	DLF	-	111	
Em Reg Açores	13	-	Utvarp Føroya	-	5	Europe No. 1	-	8	
						HRF	-	26	

	SW	MW		SW	MW		SW	MW
NDR	-	58	RNE Madrid	-	19	R Sweden/SR	107	65
R Bremen	9	18	RNE La Coruna	-	33			
RIAS	75	52	RNE Málaga	-	18	SBC	99	8
Saarl. RF	-	56	RNE Murcia	-	5	Red Cross R	54	-
SFB	-	33	RNE Oviedo	-	7	UN Geneva	4	-
SDR	40	18	RNE San Sebastian	-	29			
SWF	15	47	RNE Sevilla	-	23	R Alma Ata	8	1
WDR	-	45	RNE Valencia	-	9	R Arkhangelsk	4	-
AFN	-	72	RNE Zaragoza	-	6	R Ashkabad	1	-
RFE	70	22	LV Andalucia	-	5	R Baku	14	2
R Liberty	44	-	LV Cantábrica	-	5	R Batum	1	-
VOA Munich	35	41	LV Extremadura	-	4	R Chelyabinsk	2	-
			LV Granada	-	3	R Dnepropetrovsk	-	1
RBI	100	-	LV Guadalquivir	-	4	R Dushanbe	-	1
R DDR	-	87	LV Jaén	-	1	R Erevan	4	4
R Wolga	-	1	LV Madrid	-	34	R Frunze	1	-
			LV Mino	-	10	R Gorkij	-	3
BBC	149	45	LV Palencia	-	3	R Kaliningrad	-	3
VOA Wofferton	42	-	LV Principado de Asturias	-	12	R Khabarovsk	1	1
NHBI	5	32	LV Vigo	-	2	R Kharkov	-	1
AFRTS Athens	-	2	R Alicante	-	8	R Kiev	19	17
AFRTS Iraklion	-	3	R Barcelona	-	19	R Kishinev	-	11
Pyrgos BS	-	1	R Bilbao	-	22	R Lvov	2	-
VOA Rhodes	23	15	R Cádiz	-	1	R Leningrad	4	10
VOA Saloniki	54	11	R Castellón	-	3	R Minsk	4	4
			R Castilla Burgos	-	1	R Moscow	116	44
R Nederland/NRU	118	21	R Ciudad Real	-	1	R Murmansk	-	4
			R Córdoba	-	12	R Odessa	-	1
R Budapest	92	33	R Coruna	-	10	R Petrozavodsk	13	11
			R Espana Barcelona	-	35	R Riga	-	57
AFRTS Höfn	-	15	R Espana Madrid	-	1	R Smolensk	-	1
			R Gandia	-	2	R Sverdlovsk	1	-
			R Gerona	-	1	R Tallinn	73	72
R Eireann	-	12	R Jerez Frontera	-	29	R Taskent	52	-
			RJ Baleares	-	7	R Tblisi	1	-
RAI	89	38	RJ Barcelona	-	4	R Vilnius	9	43
			RJ Burgos	-	1	R Vinnitsa	-	2
R Luxembourg	97	56	RJ Huelva	-	31	R Vladivostok	1	-
			RJ Málaga	-	16	R Voronezh	-	1
BBC Malta	-	15	RJ Murcia	-	24	R Vaticana	75	22
BBBS La Valetta	-	1	RJ Vizcaya	-	1			
			RJ Zaragoza	-	6	R Beograd	91	14
R Monte Carlo	19	29	R León	-	22	R Ljubljana	-	10
TWR (+ Norea R)	132	-	R Lérida	-	1	R Sarajevo	-	2
			R Madrid	-	36	R Zagreb	-	14
R Norway/NRK	89	35	R Mallorca	-	10			
UKE-senderen	-	2	R Manresa	-	28	Britain R	-	2
			R Murcia	-	9	R Caroline	-	23
Polskie Radio	132	38	RP Córdoba	-	6	R Essex	-	1
P Harcerska	3	-	RP Huelva	-	1	R London	-	7
			RP Santander	-	5	R Scotland	-	1
Em Nacional	72	19	RP Valencia	-	37	R Veronica	-	15
Em Norte Reunidos	-	14	R Requeté Navarra	-	1	R 270	-	4
Em Associados	-	9	R Reus	-	11	R De Hoop	1	-
R Cl Portugues	-	25	R Salamanca	-	7			
RFE Lisbon	8	-	R San Sebastian	-	22	R Euzkadi	14	-
R Renascença	7	22	R Santander	-	12			
			R Sevilla	-	8	<u>AFRICA</u>		
R Bucharest	83	27	R Valencia	-	26			
			R Vigo	-	1	R Algerie	41	17
RNE	82	-	R Zamora	-	16			
RNE Barcelona	-	60	R Zaragoza	-	31	Em Oficial	17	4
RNE Cuéncia	-	10	R Liberty	24	-	R Cl Angola	5	-

	SW	MW		SW	MW		SW	MW
R Cl Benguela	1	-	Libyan BS	-	8	R Peking	122	14
R Cl Cuanza Sul	5	-		-	-	R Shanghai	2	-
R Cl Huila	2	-	Em Reg Madeira	-	1			
R Cl Lobito	1	-		-	-	BCC	26	-
R Comercial	1	-	Malawi BC	6	-	AFNT Taiwan	1	-
R Diamang						R Liberty Pa-Li	5	-
			R Mali	8	-	Vo Righteousness	9	-
BBC Ascension	47	-						
BBC Francistown	1	-	R Mauretanie	4	-	BBC Limassol	56	1
						BFBS Limassol	-	1
R Cordac	2	-	Mauritius BC	4	-	Cyprus BC	30	1
R Buea	3	-	R Marocaine	5	1	AIR Ahmedabad	-	11
R Garoua	2	-	VOA Tanger	68	-	AIR Bhuj	-	1
R Yaoundé	5	-	R Cl Moçambique	10	3	AIR Bikaner	-	2
R Atlántico	-	21	R Niger	5	-	AIR Bombay	1	-
R Eccá	-	1	NBC Benin City	1	-	AIR Delhi	82	-
RNE Tenerife	16	5	NBC Ibadan	4	-	AIR Gauhati	2	-
R Cl Cabo Verde	5	-	NBC Kaduna	2	-	AIR Hyderabad	1	-
R Cl Mindelo	3	-	NBC Lagos	62	-	AIR Jullundur	-	4
			Western Nigeria BS	1	-	AIR Kohima	5	-
R Bangui	10	-	Rhodesia BC	7	-	AIR Lucknow	4	4
R Chad	5	-	DW Kigali	36	-	AIR Madras	8	-
R Moroni	11	-	R Rwanda	13	-	AIR Rajkot	-	11
R Bukavu	3	-	R Sáhara	-	5	AIR Rampur	-	1
R Kinshasa	3	-	R Cl Sao Tomé	10	-	AIR Sangli	-	2
R Lubumbashi	17	-	R Sénégál	22	6	RRI Bukittinggi	1	-
R Brazzaville	33	-	R Mogadiscio	2	-	RRI Djakarta	14	-
RTV Congolaise	2	-	R RSA	107	-	RRI Djambi	5	-
R Cotonou	11	-	R Omdurman	6	-	RRI Jogjakarta	3	-
UARBC/R Cairo	56	12	R Tanzania	20	-	RRI Padang	2	-
AFRTS Kagnew	-	4	R Zanzibar	1	-	RRI Pakanbaru	1	-
R Ethiopia	6	-	R Lomé	11	-	RRI Palembang	7	-
RVOG	63	-	R Tunis	3	16	RRI Pontianak	1	-
			R Uganda	9	-	RRI Surabaja	1	-
R Gabon	1	-	R Ouagadougou	5	-	R Ahwaz	-	10
R Gambia	1	-	ASIA			R Iran/R Tehran	27	1
R Ghana	23	-	R Kabul	58	5	R Kermanshah	-	1
R Santa Isabel	8	-	R Brunei	1	-	R Baghdad	52	31
Em da Guiné	7	-	R Nat Khmere	1	-	Kol Yisrael	59	9
R Conacry	-	1	R Uganda	11	-	R Japan	128	-
R Abidjan	11	-	JOLF Tokyo			Far East Network	4	-
ELBC	1	-	JONR Osaka			Nihon SB	3	-
ELWA	21	-	JOOR Osaka			JOER Hiroshima	-	1
VOA Monrovia	49	-	JOKR Tokyo			JO'R Fukuoka	-	1
			JOKR Tokyo			JOUF Tokyo	-	1
AFRTS Wheelus F.	-	4	R Kabul	5	-	JOLF Tokyo	-	1
			R Brunei	1	-	JONR Osaka	-	1
			R Nat Khmere	1	-	JOOR Osaka	-	3
			VOA Colombo	13	-	JOUF Osaka	-	1
				11	-	R Amman/HJBS	22	10
						R Kashmir Jammu	1	-
						R Kashmir Srinagar	7	-
						R Pyongyang	57	-
						HLKY Christian BS	-	1

	SW	MW		SW	MW		SW	MW
Vo Free Korea	15	-	R New Zealand	17	-	WEZE Boston	-	3
VUNC Kangwha Isl.	-	1	ABC Port Moresby	12	-	WGAR Cleveland	-	3
R Kuwait	9	13	R Western Distr.	2	-	WHAM Rochester	-	2
R Nat Lao	9	-	R Wewak	1	-	WHAS Louisville	-	1
Lebanese BS	39	16	R Tahiti	2	-	WINS New York	-	1
BBCFES	43	-	NORTH AMERICA			WISN Milwaukee	-	2
R Malaysia	8	-	R Bermuda	-	2	WJAS Pittsburgh	-	1
Maldives IBS	27	-	CBC	121	-	WJJD Chicago	-	1
			CBA Moncton	-	5	WJR Detroit	-	1
R Ulan Bator	4	-	CBD St John	-	3	WKBW Buffalo	-	4
			CBN St John's	-	1	WNEW New York	-	3
R Nepal	6	-	CBR Calgary	-	3	WNUS Chicago	-	3
			CFCN Calgary	-	4	WOAI San Antonio	-	1
R Pakistan	38	-	CFGP Grande Prairie	1		WOWO Fort Wayne	-	5
RP Dacca	6	-	CFRB Toronto	-	2	WTOP Washington	-	1
RP Hyderabad	-	2	CFRN Edmonton	-	2	Faro del Caribe	2	-
RP Lahore	1	-	CHNX Halifax	2	-	LV Victor	19	-
RP Peshawar	2	-	CHQT Edmonton	-	1	R Reloj	8	-
RP Quetta	3	1	CHSM Steinbach	-	4	R Habana Cuba	33	-
RP Rawalpindi	2	-	CHUM Toronto	-	1	R Mil	1	-
			CJCB Sydney	-	1	RTV Dominicana	6	-
FEBC	31	-	CJLR Quebec	-	2			
VOA Malolos	2	-	CJOY Guelph	-	1	WIBS	13	-
VOA Porc	17	3	CJSO Sorel	-	1	4VEH	7	-
			CKBC Bathurst	-	3	LV Evang. Hondur.	3	-
R Quatar	1	-	CKNL Matane	-	1	XEG LV Norteamérica	1	
VOA Okinawa	20	9	CKEC New Glasgow	-	5			
VUNC Deragawa	2	-	CKOY Ottawa	-	3	TWR Bonaire	77	1
			CKSA Lloydminster	-	4	Vo Sint Maarten	-	1
R Mal Sabah	1	-	R Greenland	2	1	WBMJ San Juan	-	4
R Mal Sarawak	1	-	VOA Bethany	9	-	WCMN Arecibo	-	2
Cludia Ar	23	9	VOA Delano	3	-	WIVV Viequez Isl.	-	1
			VOA Dixon	11	-	WMDD Fajardo	-	1
R Singapura	12	-	VOA Greenville	46	-	WUNO Rio Piedras	-	3
			AFRTS New York	71	-	R Américas	-	4
R Damascus	-	8	AFTS Los Angeles	13	-	SOUTH AMERICA		
Syrian BS	18	-	KGEI San Frans.	7	-			
			WINB Red Lion	25	-	R Belgrano	3	-
R Thailand	5	-	WNYW New York	41	-	R Chaco	4	1
			KFBK Sacramento	-	1	R Cordoba	-	1
R Ankara	51	-	KGLO Mason City	-	1	R El Mundo	12	8
			KMOX St Louis	-	4	R Sarmiento	-	1
R Hanoi	18	8	KOMO Seattle	-	1	R Splendid	1	-
			KSL Salt Lake City	5	-	R Splendid, Rosario	6	
RVN Saigon	6	-	KSO Des Moines	-	2	LC del Sur	21	-
			KSTP St Paul	-	1	R Altiplano	1	-
PACIFIC			KWAD Wadena	-	1	Rem Bolivia	1	-
			WBAY Green Bay	-	1	R Fides	2	-
ABC Brisbane	10	-	WCAU Philadelphia	-	1	R San Rafael	5	-
ABC Lyndhurst	15	-	WCBS New York	-	1			
ABC Melbourne	1	-	WCFL Chicago	-	3			
ABC Perth	9	-	WDEA Ellsworth	-	1			
R Australia	81	-	WDGY Minneapolis	-	1			
			WEMP Milwaukee	-	1			
R Noumea	1	-						

	SW	MW		SW	MW		SW	MW
R 27 Diciembre	1	-	R Nac Brasilia	14	4	Sist Em Atalaya	1	-
			R Nac Rio	18	-			
Ceará R Cl	-	1	R Nac Sao Paulo	2	-	R Demerara	7	-
Em Rio Sao Franc.	1	-	R 9 de Julho	14	-			
Em Rural	21	-	R Pion Teresina	12	-	R Teleco	5	-
Petrópolis R Dif	1	-	R Piratininga	4	-			
R Alvorada Londr.	9	-	R Potí	6	-	R Arequipa	3	-
R Aparecida	19	-	R Record	1	-	R Atlántida	5	-
R Bandeirantes	12	-	R Ribeirao Preto	3	-	R Andahuaylas	1	-
R Bandeir. Arcov.	-	1	R Rio Mar	11	-	R El Sol dl Andes	1	-
R Bragança Paul.	4	-	R Rural Brasil.	19	-	R La Crónica	2	-
R Brasil Central	15	-	R Soc da Bahia	1	-	R Madre de Dios	1	-
R Capibaribe	-	4	R Soc de Feira de Santana	14	-	R Nac Peru	2	-
R Cl Goiania	3	1	R Tamandaré	7	-	R Nac Peru Tumbes	1	-
R Cl Marilia	4	-	R Timbira	7	-	R Tropical	2	-
R Cl Pará	11	6	R Tupi Rio	15	-	R Tingo Maria	1	-
R Cl Paranaense	8	-	R Tupi Sao Paulo	1	-	R Carve	17	-
R Cl Ribeirao Pr.	2	-	R Vitória	1	-	R Zorrilla de SM	-	1
R Congonhas	4	-	LV Chile	22	-	Ecos del Torbes	3	-
R Continental Rec.	-	3	R Pres Balmaceda	1	-	LV de Apure	-	2
R Copacabana	2	-	R Soc Nac Mineria	3	-	Ondas Portenas	6	-
R Cult Araçatuba	2	-	R Valentín Letel.	3	-	R Acarigua	-	1
R Cult Araraquara	10	-	Em Atlántico	-	1	R Barcelona	2	5
R Cult Bahía	1	-	Em Kennedy	1	-	R Barquisimeto	2	-
R Cult Poços C.	1	-	Em Nueva Granada	28	-	R Boconó	10	-
R Cult Sergipe	1	-	Em Nuevo Mundo	-	2	R Bolívar	7	-
Rdif Mearim Caxias	1	-	LV Amiga	1	-	R Carúpano	-	4
Rdif Presidente Prudente	-		LV Antioquia	-	1	R Colonial Tocuyo	-	1
Rdif Sao Paulo	3	-	LV Pueblo	6	-	R Continente	5	-
Rdif Taubaté	1	-	LV Tolima	2	-	R Coro	4	5
Rdif Teresina	3	-	Ondas del Meta	6	-	R Dragao do Mar	2	-
R Ed Parnaiba	1	-	R Bucamaranga	3	-	R Frontera	3	-
R Espírito Santo	-	2	R Colosal	7	1	R Juventud	18	-
R Excelsior	6	-	R El Sol	3	-	R Lara	25	-
R Farroupilha	16	-	R Internacional	1	-	R Litoral	1	3
R Gaúcha	24	-	R Nac Colombia	24	-	R Margarita	-	1
R Gazeta Alagoas	1	-	R Neiva	2	-	R Maracaibo	1	-
R Gazeta Sao Paulo	1	-	R Reloj Bogotá	4	1	R Miranda	1	-
R Globo	30	3	R Santa Fé	2	-	R Nac Venezuela	5	-
R Guaiába	2	-	R Sutatenza	12	-	R Popular	8	-
R Guarani	36	6	Transm. Caldas	16	-	R Puerto La Cruz	-	3
R Guarujá	6	-	Em Gran Colombia	10	-	R Rumbos	27	-
R Inconfidencia	13	-	HCJB	118	-	R Sucre	4	-
R Iracema Fort.	1	-	Est Alegria	1	-	R Tropical	1	-
R Jornal Brasil	15	2	R Cenit de Bahía	1	-	R Universo	6	-
R Liberdade Caruarú	5	-	R Iris	1	-	R Valera	2	-
R Marajóara	1	-	R Quito	1	-	R Yaracuy	40	-
R Mauá	9	6	R Trébol	1	-	R Libertad	1	-
R Nac Brasilia	14	-						
R Min da Ed	8	-						

Slutligen ännu några kommentarer. Förutom de uppräkrade QSL-en fanns ännu ett, BBC-FM. Skillnaderna mellan WRTVH och SDXKs landlista i detta sammanhang är följande: Väst-Berlin eget land i MLT, Väst-Pakistan likaså, Sabah och Sarawak = Öst-Malesien i MLT, Kashmir eget land i MLT. Även vi har i några avssenden varit tvungna att frångå WRTVHs lista, i följdande: Kashmir eget land, Cypern har räknats höra till Asien och ej till Europa, samt Grenada har kallats Grenada och ej mera Windward Islands. De QSL i Attention Nr. 1/1969 som häför sig till år 1968 är inte medräknade då tidningen utkom först på detta års sida. Jag har inte heller ansett det befogat att lägga till dem här, utan de får vara till nästa års statistik (för 1969). -mr-

There are many antennas that can be included under this heading, so I will deal with several of the more common ones. As I expect that this section will take up a lot of space it will be divided up to cover several months, thereby preserving the editorial balance of AB.

THE HORIZONTAL DIPOLE

This is a directional antenna, receiving signals best from stations located at right angles to the wire. The minimum signal pick-up is from either end of the antenna. It consists of half a wavelength of wire, broken in the centre by an insulator where the feeder is connected to each piece of wire. Many receivers have a 75 ohm balanced antenna connection in which case 75 ohm moulded twin or twin screened feeder can be used. Should the receiver not have dipole connections, then 75 ohm coaxial cable may be used for the feeder. A dipole is a tuned antenna, working best on the band for which it is cut. I have found that this is not too critical and my own 19 m dipole works well from 16-25 m. A list of dipole lengths for the various bands is given in Table 1. Readers should note that these measurements are half wavelengths and are therefore the total length of a dipole.

Band Mc	Total Length of Dipole	
	Metres	Feet
26	5.6	18
21	6.65	22
17	8.0	26
15	9.3	30
11	12.1	40
9	14.8	50
7	20.0	66
6	23.4	76

Table 1.

Where possible, the height of a horizontal dipole should be about a 1/4 wavelength above the ground, and the feeder should drop vertically from the centre insulator for as far as possible.

Now a few words about the advantages of a dipole. The direction-

al length see Table 1.

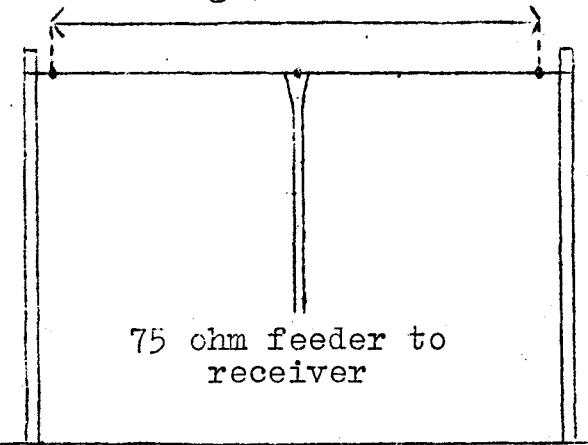


Fig. 1. Horizontal Dipole.

al effect has already been referred and it should be noted that the minimum pick-up direction (off the ends) is usually much sharper than the maximum pick-up direction. Suppose a wanted signal is being marred by jamming interference, and that it is known in which country the jammers are situated. Provided that the wanted station does not lie in the same direction, the dipole can be erected to point at the jamming station and some reduction of the interference should be noted. Other advantages are a reduction in local electrical interference due to a feeder being used, and the possibility of a good impedance match to the receiver if dipole antenna connections are fitted.

There are two main disadvantages. One is that a dipole cut for a certain waveband will not work efficiently on other bands, and also the fact that the downlead drops from the centre, so that if the receiver is situated at one end there may be a long run of feeder.

THE TWIN DIPOLE

In an attempt to broaden the bandwidth of a simple dipole so that a satisfactory performance could be achieved on several bands, the twin dipole was developed. This consists of two cross-connected dipoles, one having a total length of 24 m and the other being only 12 m long.

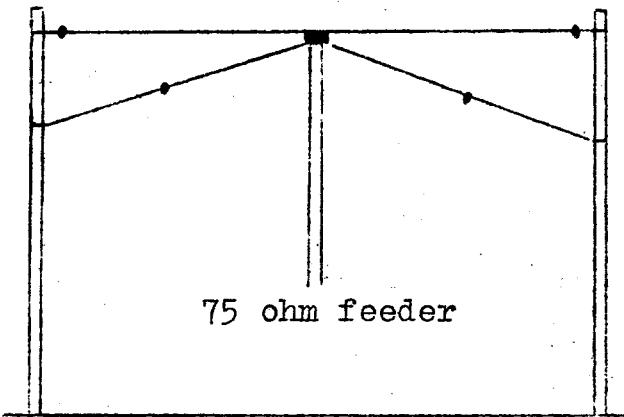
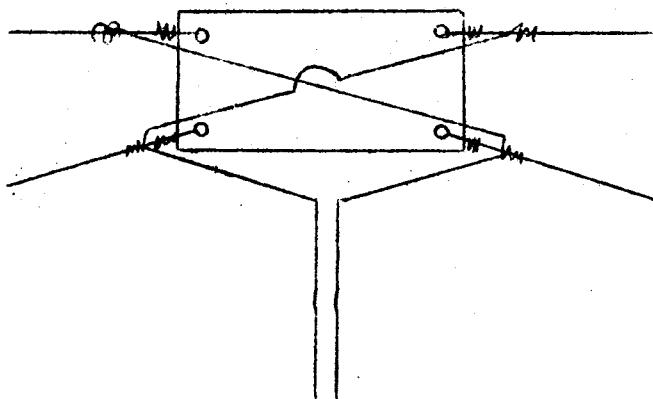


Fig. 2. Twin Dipole, details of the centre insulator shown below.

Insulating block.



Feeder.

Note cross connection of wires.

This will give reasonable reception from 16-49 m, and apart from the greater bandwidth, the characteristics are similar to the simple dipole. Fig. 2 will make the connections clear.

THE FOLDED DIPOLE

There are many receivers in use that do not have dipole antenna connections. These receivers require an antenna system having an impedance of 300-400 ohms for best matching. Now by folding a

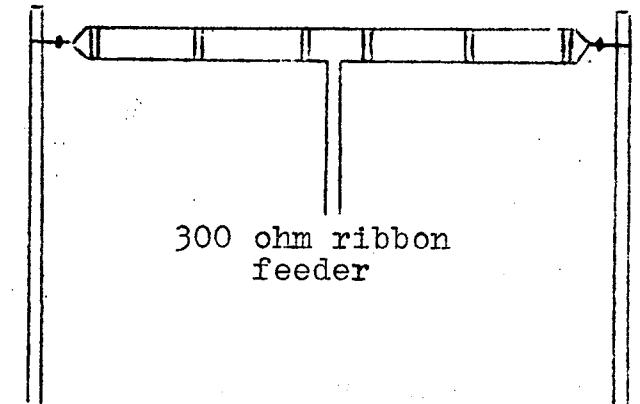


Fig. 3. Folded Dipole.

dipole the centre impedance can be raised from 75 to about 300 ohms, and if a length of 300 ohm ribbon feeder is used, it will present a good match to the receiver. In order to separate the two wires of the dipole, spacers of plastic strip or pieces of plastic hose-pipe can be used, the wires not being further than 4 inches (10 cm) apart.

The characteristics of a folded dipole are again similar to a simple dipole except that it will have slightly greater bandwidth, but the most important advantage is that good matching can be achieved with ordinary receivers.

TECHNICAL MAILBAG

by Norman Pilgrim

This month we have a question from Bill Kidney, USA, asking why Radio RSA transmitted continuous tones in between transmissions and also what techniques are used in jamming.

Continuous tones are often transmitted by BC stations before the start of a transmission. This enables the engineers to check the transmitter when it is being modulated by a steady tone, since when speech or music is transmitted, many meter readings on the transmitter will vary according to the loudness of the noises, so they cannot be read with any accuracy.

Your question about jamming has me stumped, Bill. I have heard it said that some jamming stations transmit recordings of diesel engine noises, but I think there is much more to it than that. Jamming stations seem to possess all things that are obnoxious to broadcasting. Frequency instability, gross over-modulation, you name it - they have it! On one occasion, I did look at the "waveform" of a jammer on an oscilloscope, but apart from being it very spiky there was little that I could deduce from it.

By the way, Bill, did you get the packet of stamps that I sent you some time ago?

GRUNDIG SATELLIT 208 TRANSISTOR 6000

by Karl-Hermann Mosner

Grundig Satellit seems to be one of the most popular transistor receivers in West Germany today. First here are some technical details about the receiver - later on I shall write a little about my own experiences.

The Satellit in its new form exists in West Germany since a little over a year. Grundig has produced the Satellit for many years, but the new one has a lot of improvements. The receiver covers Long Wave, Medium Wave, Short Wave and FM. The SW range covers all bands from 10 m to 187 m, and is divided into 8 partial ranges. For instance SW 2 covers 42-60 m plus the 49 mb. This means that you can tune on all frequencies between 5 and 7 Mc, and, by pressing the key "Band Spread", you have the 49 mb over the whole scale.

The Satellit has 19 + 1 transistors and 14 + 2 diodes. It has also a band width selector for AM. Built-in ferrite aerial for MW and LW, and a Multi-Match telescopic aerial for SW and FM.

LANGUAGE LESSON. Portuguese, Lesson 1.

Portuguese is mainly spoken in Portugal, Brazil, Angola, Moçambique and Guinea. I shall start the lesson with the article.

	Masc.	Fem.	
Sing.	o	a	
Plural	os	as	<u>the</u>

Sing.	um	uma	
Plural	uns	umas	<u>a or an</u>

o postal - the postcard
a resposta - the answer
os emissores - the broadcasting stations
as televisões - the tv-sets

Instead of o, a, os, as you can write um, uma, uns, umas and you will get um postal - a postcard etc.

Nouns

As a rule we can say that all

Battery operation by 6 x 1.5 V mono cells. The size of the Satellit is approximately 44 x 26 x 12 cm, and weight a little over 6 kilos (without batteries).

Now over to my own experiences. One of the best things with this receiver is, that all SW broadcasting bands can be spread over the whole dial. So it is rather easy to find the stations. Another advantage is that it is a double superhet, which means there are never any image interferences. Of course one can say it is an advantage that it is portable, and that it has a very long telescopic antenna. I have also tried the SSB equipment, which is also very good. It has a product detector, a noise limiter and an AVC-MVC switch. This means that I can well listen to amateurs, which I like very much. One not so very good thing is that the dial does not show the exact frequency. This can of course be only my first impression of the receiver, as I have had my Grundig Satellit for just a couple of months.

by Fernando Costa

nouns ending with -a, -dade, -ão and -z are feminine, all the others are masculine. Note that there are no neuters in Portuguese.

Plural: The plural of words ending with a, e, i and o get an s. Words ending with m change to ns, al changes to ais, el to eis, il to is, ol to ois and ào to ões or aes.

Pronouns

eu - I	nós - we
tu - you	vós - you
ele - he	eles - they
ela - she	elas - they

Some sentences.

SINFO. S - Potencia, O - Audibilidade.

1 - Excelente

2 - Boa
 3 - Pobre or Fraca
 4 - MÁS
 5 - Péssima
 I - Interferencia, N - Barulhos Estaticos, F - Fading.
 1 - Nenhuma
 2 - Insignificante
 3 - Moderadas
 4 - Severas
 5 - Muito severas

A vossa emissora - your broadcasting station

Radio Finlandia - Radio Finland

Fácil de captar - easy to find

Difícil de captar - difficult to find

Uma emissora difícil de captar - a difficult station to find

é - is

A vossa emissora é facil de captar - your station is easy to find

O dia - the day

O programa - the programme

(Note: The words dia and programa are always masculine and not feminine)

não - no, not

de - of, from

bom - good, fine

O programa do dia é bom - the programme of the day is good

Hoje - today

Amanhã - tomorrow

Ontem - yesterday

0 programa de hoje é bom -	today's programme is fine	
Meses do ano -	Months of the year	
Janeiro	Maio	Setembro
Fevereiro	Junho	Outubro
Março	Julho	Novembro
Abril	Agosto	Desembro
Dias da semana		
Segunda (Monday)	Sexta	
Terça	Sabado	
Quarta	Domingo (Saturday)	
Quinta		

The weekdays Segunda to Sexta generally get the word feira

O programa de Segunda-feira

O programa de Quarta-feira

Datas - dates

13 de Fevereiro de 1969

14 de Outubro de 1969 and so on

nunca - never

ninguem - nobody

só - alone, only

hada - nothing

que - which, what, who, whom

onde - where

quando - when

como - how, as, like

Detalhes - details

Publicidade - commercials

Carrihão - call sign

Musica - music

Disco - record

Conversa - talk

Noticias - news

Comentário - commentary

THE FDXCI SUMMER MEETING 1969: Progress Report by Daniel Söderman

We have now received letters from five FDXCI members informing us that they are planning to visit us during the coming summer. These are: Ingo Mennerich, Manfred v. Bentheim, David Mawby, Bernard Law and Bill Kidney. Unfortunately the suggested period (June 29-July 6) doesn't seem to be acceptable for everybody. Therefore we would like these five members plus all other members who are thinking about a visit to the FDXCI headquarters to answer the following questions before February 20:

- 1) what is the probability of your coming to Finland next summer?
- 2) is the period June 29-July 6 acceptable by you?
- 3) is the period August 10-August

17 acceptable by you?

- 4) when will you be able to make your final decision regarding your trip?
- 5) do you have any specific wishes or suggestions concerning the arrangements in Finland?
- 6) do you want us to help you with some information on the different possibilities of travelling from your country to Helsinki?

Naturally you are welcome to Helsinki at any time during the summer, but we feel that we can give you a better service if you come simultaneously with some other members. And of course you then will meet other FDXCI members and not just the editors!

For some time now we have been looking for representatives for the club, mainly in two areas, North America and Great Britain. I am glad to report that we have now succeeded in this matter. As you could see in last AB on page 7, our NA-representative is Robert W. Fisher, 4555 West First Street, LOS ANGELES, Calif., 90004, USA.

All present members can from now on send their renewals to him instead of to the club Hq, just remember to make cheques payable to him in person, not to FDXCI. Our representative will also take care of that those NA-members receiving AB by surface mail will get their note of renewal in due time, and not, as has been the case now, a couple of months after the fee has expired. We hope to be able to give our NA-members a better service this way.

If any of you has a friend who is interested in joining FDXCI, please ask him to write to Robert for further details, he will also send out sample copies of AB, and give all the needed information about the club.

After all, this NA-representative was in a way not so much needed as one in Great Britain, the reason being that U.S. and Canadian members can send money abroad without any complications from the government. This has not been the case with the United Kingdom, as all payments abroad are subject to the exchange control regulations.

So far we have to a large extent been using International Reply Coupons, but these have a major fault, namely that either the one who buys them, or the club, will loose considerably on this method as the cost of one IRC in UK is 15d. which equals to Fmk 0.63 and we get only Fmk 0.40 for each. If we count according to Fmk 0.40 a piece, the members loose some 50% if the other way, we loose 30%.

We have been in contact with the National Giro with an enquiry on

opening a Giro account, however, as we are not permanent residents of the United Kingdom we were not allowed to do so. The only piece of advice we got in this respect was that people who have accounts of this type can make payments to Finland, of course under exchange control regulations. A note, similar to the one we use for reminding about expired membership fees would be all right for passing control regulations. However, as we cannot force every member to open an account just for this, we thought of having a member open an account in his own name on behalf of us, thus forming a way on which payments would be easier to make to the club.

I am glad to say that the first try succeeded, as my letter to Bill Thorpe was replied to in the following way: "Of course I wish to help the club in any way I can and I am perfectly willing to act as treasurer for this area. During the day I visited the local Post Office and obtained details on the Giro system together with an application form for permission to open an account."

If we take another quotation from another of Bill's letters, here's one regarding IRC's: "Yes, as you say, IRC's cost sh.1/3 here nowadays, which is an increase of 25% in one year. Not only does this mean a great expense to members who have to pay by IRC's, it means a lot of trouble too. While main post offices here sell these coupons, they never have a lot in stock. I once asked for 20 at a main office and the counter-clerk had to walk from counter to counter collecting them, and at the same time paying his colleagues for what he took from their counters. He finally came back with 13, he wasn't smiling, either! So heaven help the poor damned FinDeXer who asks for 25!"

I'm sorry we don't have the number of the account yet, but all British members whose fees expire this time can wait one month with the payment. More info next time.

CANTA, AMÉRICA!

by Henrik Klemetz

This series of articles, which will run for about 6 or 7 months, has been translated from the Swedish DX paper "Eteraktuellt", the magazine of Sveriges DX-Förbund. They were published in that paper about one year ago. The articles are originally based on programmes run by Radio Sweden, and were rewritten with their permission. FDXCI was in touch with "Eteraktuellt's" editor-in-chief last year, Waldemar Mellqvist, and we were allowed to publish the articles in Attention B in English. The Swedish articles were written by Henrik Klemetz. Picture material is also taken from "Eteraktuellt".

Generally one can say that the LA music varies with the structure of the people. In the so called "white" countries, i.e. Argentina Uruguay and Chile, the dominant kind is European. The Indian kind dominates in Bolivia, Perú and Ecuador. Finally we have the negroid kind, known by its fast and pulsating rhythm, this is found in and around the Caribbean: Venezuela, Colombia, Panamá, Cuba, the Dominican Republic, etc.

Argentina and Uruguay.

When Argentina is mentioned in musical discussions practically everyone thinks of the tango. It is said to have started in the poor districts of Buenos Aires. The tango contains in itself elements inherited from Spain - the Andalusian tango, the Cuban habanera, and the milonga. The latter was developed on the vast, desolate pampas, being characterized by a sentimentality which seemed too striking for the people in the capital so they developed the tango. Much of the sentimentality is still included, a saying goes that the tango cries - "el tango llora".

Among the innumerable tangos of Argentinian origin which have been known and popular in Europe we can mention "A Media Luz", "Adiós Muchachos", "La Cumparsita", and "El

choclo". Other well known tangos are "Jalousie" by the Danish composer Gade, and "Olé, guapa" by Malando (Holland).

The pampas also saw the birth of another kind of music, la zamba, this should not be mixed with the Brazilian samba which is something else. The zamba is, like the milonga, quite sentimental, and is to be, to give the right impression, performed at moonlight with a sole guitar accompanying. La zamba can, like el estilo, also be heard in Uruguay, which musically has much in common with Argentina. At present the Brazilian music is also quite popular in Uruguay.



Up in the northern provinces of Argentina many old musical forms have survived. Among these we can mention el triste, la vidala and el gato. The vidala is especially popular along the Paraguayan border, e.g. in the Corrientes province with many guaraní-indians. The gato is a reminiscens from the 18th century and is today not presented anywhere else except in the north, mainly in the Catamarca province. The best known performers of this kind of music in Europe are probably the singing groups "Los Fronterizos" and "Los Chalchaleros".

Next month we will continue with part 2, dealing with Chile and of the Indian countries we will talk about Bolivia and Paraguay.



ADMINISTRACION:

TELEFONO DE OFICINA 22-57-29

APARTADO POSTAL 2208

SAN JOSE, COSTA RICA

TELEFONO 22-59-70 (975 Ke.)

ESTUDIOS 21-96-61 (900 Ke.)

Radio Atenea is a new station in San José on a frequency of 6150 kc. It can be heard here in the northern U.S. with good reception from 0500 GMT and by their letter-head operates 24 hours. The station plays both American and Latin American music and when I heard them they were requesting reports.

I sent off my report to the station along with a Costa Rican mint set and promptly received a long personal letter from Sergio Araya Duarte along with the station's "simple souvenir --- a symbol of friendship and sympathy for our foreign listeners."

Radio Atenea first commenced a period of trials for their new transmitter on November 1, 1968, which has a great capacity of power, but actual power wasn't mentioned. The transmitting equipment was built in Costa Rica and is totally compact and automatic.

Radio Atenea was founded in the year 1935 and is now simultaneously transmitting on short wave and medium wave on a frequency of 975 kc.

They were very friendly and thanked me for my report which served as valuable information and a point of reference in the adjustment of their "Folder Thepole" antenna. They asked for a continuance of any data referring to their station. They also wished me a Merry Christmas and a Happy New Year. If you hear them, send off your report to

Apartado 2208, San José, Costa Rica.

This article was written by Jack Bacon Jr., who so far is the only member of FDXCI reported to have heard the station.

It could be mentioned that Radio Atenea has been noted in Sweden recently, when first heard, they thought it was situated in Guatemala, but the site has now been corrected. No Finnish loggings reported so far, to my knowledge.

Thanks a lot, Jack, for the story, and the picture material, do not hesitate to write other stories if you find the time, and information for these.



This series of articles was begun in AB 25, the Christmas issue, we then presented some stations in the 90 metre band, this time we will continue with some more.

3295. On this frequency we have three Brazilian stations, all of which have been heard in Europe. The first one is Rádio Educação Rural, Campo Grande, which however has not been heard lately.

RADIO EDUCADORA LTDA.

AV. AFONSO PENA, 501
UBERLÂNDIA - MINAS

ONDA MÉDIA - ZYV-38
ONDA CURTA - ZYV-75
FREQUÊNCIA MODULADA

CAIXA POSTAL, 401
FONES, 2340 - 3748

is shown below. If you happen to hear this station, you can write to this girl, Srta Luzia Donato, she is very much interested in foreign countries.

3315. Here we again have more than one station from Brazil, although only two, Rádio Gazeta de Alagoas and Rádio Itatiaia. Both have been noted in Europe, although the latter one is a very rare guest in the ear-phones.

Rádio Gazeta is one of the most common Brazilian stations in the 90 metre band and can be heard

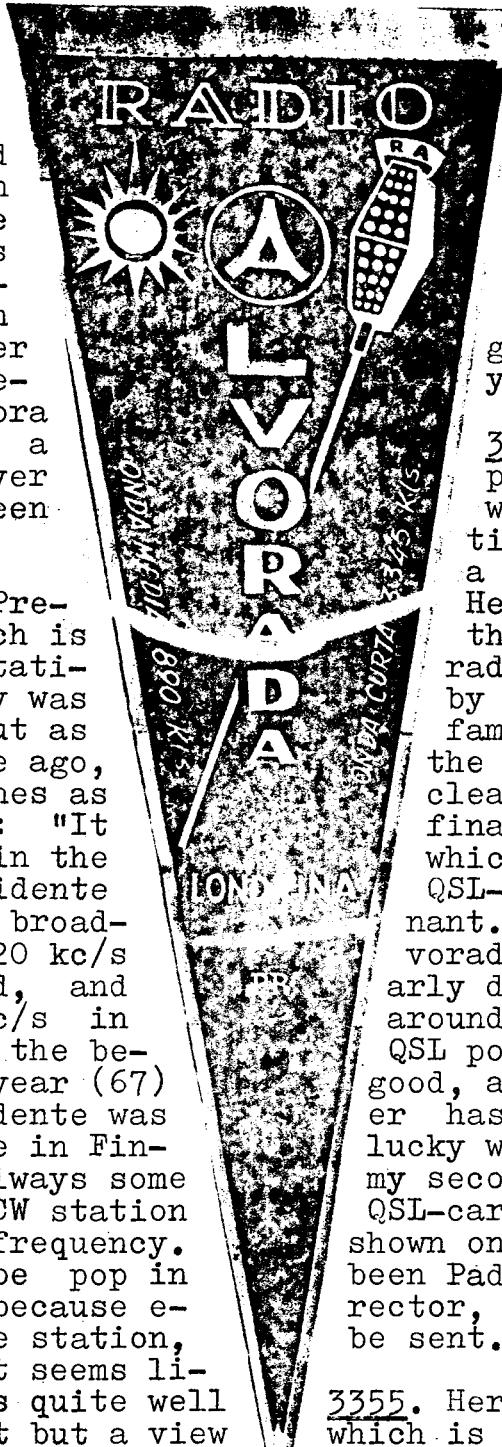
almost the whole year through around midnight. The QSL-police of this station is quite good and many answers have come. This station usually publishes the names and addresses together with the reception reports of its foreign listeners in the station's newspaper, and thus many listeners have got more than one letter from Maceió and Alagoas, from readers of this newspaper. I have also been corresponding with a girl from Palmeira dos Índios, a small town near Maceió, and as I did not find my QSL from Rádio Gazeta, I will show a little football pennant received from this small town. Concerning Rádio Itatiaia, I recall that it has answered to some Swedish DX-ers, but in Finland there are no replies.

3325. On this frequency we again find two stations, both of which have been heard in Europe. The more common one on this frequency is Rádio



and this station may be best heard around the months of March & April after midnight. It can also be noted on the mediumwaves on 1350 kc/s. There are some QSLs from this station, but all listeners have not been that lucky. - The other station on this frequency is Rádio Difusora Guarulhos, which is a very rare guest, however I recall it has been heard in Sweden.

3335. Rádio Difusora Presidente Prudente, which is the one of the two stations on this frequency was presented in AB 15, but as that's quite some time ago, let's quote a few lines as written in that issue: "It is a small station in the small town of Presidente Prudente. The station broadcasts with 250 W on 820 kc/s in the mediumwave band, and with 500 W on 3335 kc/s in the 90 metre band. At the beginning of July this year (67) Rádio Presidente Prudente was heard a few times here in Finland, but there was always some interference from a CW station on about the same frequency. The tango seems to be pop in Presidente Prudente, because every time I heard the station, they played tangos. It seems like the station answers quite well. However, I did not get but a view card - 'Nightly view - 9 de Julho Square'. The verification of my report was written on the back of the view card. If you find the conditions on the 90 mb good, it will sure be worth to check 3335 kc/s. If 'A Voz do Sertão' is there, you will soon find it out. since they give their identifications often, and they are very clear." (NGS) The other station on this frequency is Rádio Marajoára, which may be better heard on its 19 metre band outlet, but can sometimes be heard on 3335 also. This is one of those Brazilian stations that can be noted also around noon. This can hap-



pen sometimes in the summer months. Last summer the fq of 15245 was occupied by Kins-hasa, Congo, and Rádio Marajoára could be heard only a few times with very poor signals. This is a pity, as Rádio Marajoára last year began verifying after many years of silence.

3345. Rádio Alvorada operates on this fq, and was noted for the first time by a Finnish DX-er a few years back, in 1964. He, however, identified the station as Rádio Guaraí, but the slogan used by the station "Rádio a familia Paranaense" and the QTH, Londrina were very clear, and so the station finally got a report, to which they replied with a QSL-letter and a nice pennant. Since then, Rádio Alvorada has been noted regularly during the summer months around 0200 at its best. The QSL policy of this station is good, and almost every reporter has got an answer. I was lucky when, last summer, I sent my second report, and I got a QSL-card and a great pennant, shown on this page. The v/s has been Padre Eduardo Afonso, Director, to whom the reports can be sent.

3355. Here we can find a station which is not mentioned in the WRTH, that is Rádio Difusora Brasileira, Uberlandia, MG, which last summer was noted on this fq or actually on 3335.5. This is the old fq of this station, but it has for some years been working in the 120 metre band, where it also is listed by the WRTH. Some years ago it was heard in Sweden, and verifications were received, but last year no replies were reported. As for myself, I sent a recording tape along with my report, but have not heard anything so far. The station may be heard again next summer till its sign off at 0200 GMT. Here it can be pointed out that

the program between 0100 and 0200 consisted almost exclusively of waltz-melodies, and thus this station can easily be identified.

3375. On this frequency we again have a station from Recife, Pernambuco, and this time it is Rádio Olinda de Pernambuco, which is one of the most usual Brazilian stations in the 90 metre band, as it may be noted throughout the whole year. It should however, be noted that Emisora Oficial (Radio Angola) also sometimes carries night programmes on this frequency, so these two Portuguese speaking stations should not be mixed up. I noted this station for the first time on May 13, 1964, and it was a big surprise, as the verification letter arrived after some weeks, because there were



only two answers known by that time. These were received by a Swedish and a German

DX'er some years earlier. After my reply many others have received QSLs, and now-a-days it is a very common verification in a DX'er's collection. The v/s of my QSL was Laurode Oliveira, Superintendente, and the letter-head is shown above. - This station was also introduced by NGS (as well as Rádio Difusora Presidente Prudente) in AB 15, then the v/s was given as Arakén Tabajara N Costa.

3385. Rádio Clube de Teresina, which operates on this frequency, is a very little known station, as it is noted very seldom and as only one QSL is known, A Swedish DX'er, Rolf Larsson, who also is a contributor to AB, has got a hand written letter from the daughter of the director of the station. The other station on the frequency, Rádio Difusora do Paraná, has not been noted 100% sure, but last autumn a station situated in Londrina was heard, and it might have been this one.

3395. WRTH mentions only one station in Brazil working on this frequency, that is Rádio Difusora de Goiania. This station was presented earlier in AB, but as it was in No. 6, we could take a few glimpses again: "It was first noted in Sweden in 1963, however, it was not identified with 100% certainty then. Not until the spring of 1964 was a definite identification obtained. As for myself, I found out the answer as I heard a couple of advertisements: "... para Goiania e toda Goias". My report was sent off, and after a couple of months the answer arrived. That was probably the first answer to this side of the Atlantic, and it was the only one for a long time. The answer was a long letter in Portuguese, seven photos showing the activities of the station, and two exactly alike pennants (except for the colours). The photos were taken by the signer of the letter, Fernando Rodrigues Pimentel, Director Comercial. Senhor Pimentel tells that the station is quite new on short waves but that it has been broadcasting on MW for 9 years already on 580 kc with 10 kW. The station belongs to the Catholic Church. The slogan of the station is "A Voz Goiania por um mundo melhor", and its aim is to broadcast educational and constructive programs to the people on the country-side outside Goiania.

In the summer of 1968 another station was noted on this frequency of 3395 kc with test transmissions, that was Rádio Clube da Conquista, which also announced itself as Rádio Clube de Vitoria da Conquista. No answers known so far.

One station could still be mentioned, namely Rádio Educadora do Cariri, this station is marked as inactive in the 1969 edition of the WRTH, but was noted in the beginning of the 60's, no replies were ever received. The station was broadcasting on 3305 kc.

Brazil will continue in a couple of months, next time: "New Colombians during 1968".

NEW MEMBERS

Again we have some new members to welcome to the club:

- 129. Emmanuel A. Tetteh, Accra, Ghana
- 130. Scott David Moeller, Villa-nova, Pa., USA
- 131. James Perley, Reseda, California, USA

IN THE MAIL

BERNARD NOTTAGE, England: "I am surprised that you want to publish a story about myself, but if you think it will be interesting I will put pen to paper fairly shortly and perhaps beat the 20th February deadline so that you could include it, perhaps, in the March issue. Regarding my new receiver I went one better than I anticipated and I purchased the Eddystone 940 model which costs in this country about £145, including loud speaker. It really is a wonderful receiver and once I get into the swing of using it, I am sure that I will get excellent results. At the moment I am experimenting with my antenna using an indoor 'Joy Stick' with a 3A matching unit for short wave and 2A for medium wave, and I also have a 50 foot long wire running North/South. I see from the January issue of Attention B that my fellow countryman Dennis Parker also is lucky enough to have a new 940 and I have read with interest Norman Pilgrim's answer to Dennis' query about the carrier level meter. When purchasing my receiver I enquired about the use of the carrier level meter and was told that it was not intended to be used as an 'S' meter and I have noticed several times that varying signal strengths bear no relation to the meter reading at all. I hope to visit shortly one of the Eddystone experts to try to get an official reply from him on this point." -- I hope that your presentation of yourself will be as amusing as your letters, Bernard. And remember that a photo of yourself would add another dimension to your story!"

NEW MEMBERS

- 132. Rudi Luik, Königsbrunn, West Germany
- 133. Donald L. Mahler, M.D., Newton, Mass., USA

Renewals have been received from: John Wheller, Norman Pilgrim, Reg W. Young, Dennis Parker, Glyn H. Morgan and David Crystal. Thanks!

IN THE MAIL

BARRY O'NEILL, Ireland: "First of all I would like to apologise for not contributing to 'Attention B' for the past few months, but I have been fairly busy with my studies. However, during that time I did read your appeal for news and brief histories of the various radio stations and so I wrote to our local station Radio Telefis Éireann asking for a short history of the station. I told the Public Relations Officer that the two DX-Clubs of which I am a member (I am also a member of the Benelux DX-Club), were very anxious to receive such histories. I enclose the reply, which you need not return to me if it causes inconvenience. One more point about RTE concerns the 1969 edition of the WRTVH. In it, it says that RTE verifies by letter; as far as I am aware, RTE has been verifying by QSL card for well over six months. In 'In the Mail' of AB 26 Allen Dean reported that his QSL from Cairo was just a plain post card: lucky fellow! I have sent three reports but all have been in vain. However I will keep trying and that QSL will be cherished when it finally arrives." -- The letter from Radio Telefis Éireann which you enclosed is not too enthusiastic about the proposed publicity, motivating this stand-point by the fact that the station does not operate a short-wave service. Personally I don't think this is very wise, as medium wave stations also are heard in foreign countries. In the case of RTE, this station has been heard frequently even in Finland. The explanation for the station's policy is probably

that they do not want to receive too many reports from abroad, as this will mean more work for the personnel. But is it so bad that people abroad are so interested in a country that they listen to the domestic radio station? Regarding the QSL from Cairo, there has obviously been a change of policy, as this station earlier was a 100% QSLer. The present situation in the Middle East could be a possible explanation in this case; the people at the station perhaps feel that they have more important things to do than to answer reports from short wave listeners. But isn't this really the charm of DX-ing: the fact that you can never be sure of receiving an answer from most stations, but must keep on reporting the station until suddenly you get a QSL.

THEODOSIOS VAHARIS, Greece: "I am so happy to be in a club in which the editors of its bulletin provide an astonishing hard work just for the sake of international friendship. In the past weeks I have got the first two magazines of AB and ate them with my eyes." -- Thank you for the nice words! Regarding your question about the League, you just have to send us the number of verified stations and verified countries, and the sum of these will give your score in the League. At present, the countries are counted according to the WRTVH, but soon full rules of the League including an official FDXCI country list will be sent out to all members.

NICOLAI BARFOD, Denmark: "A happy new year to all 3 of you. I'm sorry that I have not been writing you for some time, but I am very busy with my studies right now, as I have only 11 months left before my final exam. I will then be a chemical engineer, I hope. There has not been very much time left for DX-ing, but still I have enjoyed our club-paper very much. Thanks to AB I won't have any difficulties with resuming DX-ing as soon as I get the time. - In AB Allen Dean

writes that he has found the QSL-card from Radio Cairo being just a colour post card, giving no information at all. My QSL's from Cairo, received for reports sent in during 1967 and 1968 are very nice cards with ancient Egyptian motives and verification text in English and Arabic, plus a few personal remarks. They may have stopped sending these fine cards, but it doesn't sound likely, as they sounded very interested in receiving more reports." -- Will you visit the Swedish DX-Parliament this year, Nicolai? It will be held in Halmstad, Sweden, on June 13-15, and I believe that some of the AB editors including myself will be there as there will be some discussions on the future of the European DX-Council. Perhaps we will even visit Copenhagen!

JOHN WHEELER, England: "During my holidays last year I noticed through Andorra as my wife and I decided to stop overnight there and the following day I managed to get a visit in at the local radio station. I first went to the transmitting station and made myself known as a member of FDXCI and got an introduction there to the technician who is Arnold Muller, a very nice chap who happens to be Swiss and speaks English. Arnold was very helpful to me and showed me all around the transmitters of Radio Andorra. Radio Andorra at present only broadcasts over the medium waves as their shortwave transmitter on 5995 kHz is inoperative as it is rather old and due to financial difficulties there were no plans to operate it. It is considered possible to hear Radio Andorra over the medium wave frequencies which of course are listed in WRTVH. I got my QSL back in July 1958 after about 2 days. Their QSL card at that time showed a view of the transmitter building from the road way as you go into Andorra about 4 kilometres from the town. Their programmes are relayed direct to the studios in the town itself. I was shown around the studios which stand on a hill overlooking

Andorra by M.Marquet and was shown everything, I was even allowed because I was alone to stand beside the studio announcer as he was announcing live the programmes as they went out. I also took photos of all I saw." --- Pity that you didn't enclose some of the photos you took; this could have been a very good story in the Station Topics series. Anyway, it was quite interesting to read about your experiences at this obviously very friendly station.

MRS. MARGARET KELLY, Isle of Man: "I notice that I am listed 28 on the League and as I have now received my QSL from the Windward Islands; West Indies; this should make it 2 more points to add on to present 97. Would you kindly let me know if I am expected to send information for the League on a separate sheet of paper. -I guess as you get older it is harder to keep up with the younger folks. My age is 61. -I may be a bit late in sending good wishes, but better late than never. So I wish all the very best to all DX-editors of Attention B. - Light is fading and it is time to get on with the meal for my hungry husband coming home after a very hard days work. I am sending this small photo as it will let my friends at Finlands DX-Club see what I look like." --- Thank you so very much for your nice letter, it is always nice to hear from you for two reasons: 1) you live in a very fascinating part of the world and 2) you are - as far as I remember - our only female member; DX-ing being a hobby that for some reason is practised mostly by men. Contributions to different sections can be written on the same sheet of paper, but preferably on one side only.

DAVID WEST, England: "I'm not being a fanatic about how many QSL's you could collect, yet I do think they have a value in correspondence between the DX-er and the station. In as much as you can express your point of

view over a subject you heard, as well as just giving reception reports. Of course the important thing is that you gain a little more knowledge of the rest of the world." - Thank you for your letter, David. I hope you do not mind my telling you that I had some trouble reading your handwriting, which might explain any possible errors in the excerpt above. - I also believe that the QSL card has a function: it will increase the correspondence between the DX-er and the radio station. The danger in collecting QSL's lies in the fact that many DX-ers believe that if they have a big amount of QSL's, this will automatically make them more skilled, intelligent and beautiful than DX-ers having a smaller amount of verifications.

BERNARD LAW, England: "I have been making some enquiries regarding my probable trip to Finland in June/July this year. Unfortunately I have had to go on last year prices of fares etc, but from what I have learned up to date, I think a trip by air is out, although its main advantage is the time (4 1/2 hours) the fare being £80 approx. The boat trip with the Baltic Steamship Company seems very reasonable with fares ranging from De Luxe Class £70, First Class A £47, B £43, Tourist Class A £31, B £25, C £20, these being single fares the return fare being double less 10%. So as I say they are reasonable, the only snag being that I'll have to have three weeks leave from work with the boat trip taking four days. Anyway I shall let you know something more definite the next few weeks." - Thank you for this information Bernard. I believe that the flight fare might be a little cheaper during summer, as there is a summer time reduction between Stockholm/Copenhagen and Helsinki, but it is nevertheless much more expensive than by boat.

This time I have to leave out many letters due to lack of space, but I hope that nobody feels too sorry for this. daniel

QSLs RECEIVED

compiled by Martti Rinne

This time we have had to re-organize the column a bit, as we would otherwise have had to give it too much space. E.g. the European verifications would have taken almost one page all alone. Therefore I have decided to list all European stations only once, regardless of on how many different frequencies verifications have been received. Also, if there are more than three contributors for the same stations, I will not list

the contributors, just put the word "many" instead. I hope you won't mind about this. From now on we'll probably have "The League" only every second month, but do send your renewed points monthly, or with your new QSLs, this in case we sometimes publish "The League" in between the two-month-period. From now on, i.e. from the next time we publish "The League", the equipment of the contributors will be added, if reported.

R Tirana	9392	c	4m	MH	R Dahomey	4870	c	13d	rp	EO
Sudradio	818	c	5w rp	PK	R Ghana	15285	c	3w		AP
R Austria	many	c	2m	TV	Malawi BC	3380	l	89d		SJ
Austrian Army	6255	c	4w rp	GG	R Mauretania	4850	c	5w CW DR	TE	
R Belgium	many	clp		AP TV	R Morocco	11735	f	s	7w	AK
R Prag	many	c		many	R Niger	5020	c	6w	rp	DR
R Denmark	9520	c		TE KJ	R Nigeria	21455	c	s	3w	AP
R Finland	15185	c	6w	AP TV	DW Kigali	15380	c	s	22d	KJ
Bayer. Rf.	6095	c	6d	MH	R Sénégéal	4890	c	1m	rp	DR
DW	9765	c	3w	TV	R RSA	15245	c	8w		DP
D-funk	1538	c	12d	MH	R Sudan	4994	l	3m		LW
Saarl. Rf.	1421	c	6d	MH	R Togo	5047	c	6w	rp	DR PK
AFN	many	c s	1w	BO GG						
RFE	many	c b		MH TV	VoF China	17890	c	4m		SJ
VOA Munich	many	c	5w	BL TV	RRI Djambi	4927	21	7w		SJ
RBI	many	bcl		AD BO TV	R Baghdad	11785	c	9w		DR
Berliner Rf.	611	c	15d	BL	-	6095	c	5m		AP MH
BBC	many	c l	10d	BL PS	Kol Israel	9625	c	9w		AD
NHBI	9605	c	17d	TV	R Japan	15135	c	10d		AP
R Nederland	many	c		DP TV	R Amman	9560	c	2w		AP
R Budapest	many	cls	4w	AK TV	R Kuwait	11920	2c	6w		DP
RAI	many	c		many	-	11940	c	3w		AD BT
IBF Turin	5000	c	10d	RH						GG PK
R Luxembourg	6090	c	25d	TV	R Mal Sarawak	60mb	c	3w		LW
TWR	11820	c	2w rp	BO	VOA Poro	9580	c	7w		SJ
R Norway	many	c s	2w	BO PS	BFBS Singapore	5010	c			PÄ
Polskie R	17865	c	23d	TV	R Ankara	15160	c	3m		AP
R Portugal	many	c	10w	AP DP	R Tashkent	11925	2c	21w		DP
- R Safari	21495	persl	3w	AP	Vo Vietnam	15020	c	16w		AD
R Bucharest	755	c l	2m	AP TV	-	15040	f	7w		NB
+ 9590	c	11w		TV						
RNEspaña	15420	c	1m	TV	R Australia	11710	c	8w		AK AP
R Sweden	many	c s	2w	many	-	11740	c s	8w		DP
SBC	many	c s	1w	AD AK TV	ABC P Moresby	4890	c	3w rp		DR
Red Cross	7210	c	3w	many	WWVH Hawaii	10000	f	2m		CW
R Moscow	many	2c s	4w	AD BO	R Noumea	7170	c	2m rp		DR
R Vilnius	665	c l	3w	AP	R Vila	3905	l	4m rp		JB
R Vaticana	11740	c	17d	TV	CBC	17820	c			
R Beograd	9620	c s	2m	PS TV	-	15320	c			DP KJ
R Algeria	980	c	3m	MH	CFRA	580	c	4m		DR
R Angola	4820	c	1m rp	DR	KGEI	15245	p	5m		LW
BBC Ascension	15105	c	6d	CW NB	WINB	17720	c	5m		DR NB
R Chad	4904	c s	2w rp	DR	KBON	1490	c	9d		JB
R Brazzaville	15190	c	3m AP	DP DR	KRNT	1350	l	4d		JB
RTV Congolaise	4880	1	2m	LW	WCMT	1410	l	10d		JB

WCOA	1370	l	6d	rp	JB	RSao Francisco	4915	c	l	1yr	rp	EO
WMBD	1470	l	6d		JB	R TV Gaucha	6135	c	l	5m	rp	EQ
WNBC	660	c	13d		JB	LV Pueblo	5995	l	5m	rp	LW	
WNEW	1130	l	8d		JB	R Nac Col.	4955	l	6w	rp	DR RH	
						R Reloj Col.	4795	c		rp	HL	
R Belize	3300	c	3m	ms	JB	Em N Mundo	850	c	10d	ms	JB	
WIBS	11700	c	5w		AP	LV Antioquia	750	l	7d	ms	JB	
-	15100	c	7w	rp	AD MK	HCJB	11910	c	p	2m	AP	
4VEH	11835	c	2m	rp	DR	-	15325	c	l	6w	many	
HRVC	4820	c	17d	rp	DR	-	17880	c	s	70d	KJ	
R Nederland	15220	c	7d		BT	Rdif Cenit	4770	l	33m	rp	MR	
YNX R Equis	750	c	15w	ms	JB	R Barquisimeto	4990	c	1m		LW	
R Libertad	885	c	6w	ms	JB	Ecos d Torbes	4980	p	3w		AP FS	
LC del Sur	5025	c	p	3m	rp	R Juventud	4900	c	3w		RH	
R Rio Mar	9695	c	7w		LW	R Lara	4940	c	1m		RH	
R Rural	15105	cdip	8w	rp	GG	Ondas Portenas		l	30d	rp	DP	
R Sao Carlos	2410	l	p		PÄ	R Euzkadi	15080	c			TE	

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dys Cecilia; Rdif Cenit - Wilfrido Macías Parrales.

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THE LEAGUE

1. Sloan, Ireland	256+138=394
2. Bacon, USA	264+ 88=352
3. Orekar, USA	178+116=294
4. Matthews, USA	177+116=293
5. Holway, Eng	179+106=285
6. Seyfried, WG	170+ 95=265
7. Zscherp, WG	154+ 91=245
8. Petric, Austria	171+ 51=222
9. Waddelow, Eng	142+ 66=208
10. Mawby, Eng	126+ 73=199
11. Henke, EG	116+ 75=191
12. Singh, India	105+ 79=184
13. Kidney, USA	131+ 50=181
14. Kriesel, WG	103+ 71=174
15. Rahmlow, USA	91+ 70=161
16. Schäfer, WG	93+ 55=148
17. Kruse, WG	91+ 56=147
Weber, WG	91+ 56=147
19. Högl, WG	88+ 58=146
20. Jongen, Holland	110+ 31=141
21. Law, Eng	80+ 54=134
22. Parker, Eng	70+ 63=133
23. Barfod, Denmark	76+ 55=131

THE LEAGUE

24. Steffen, WG	81+49=130
25. Dean, Eng	71+51=122
26. Hahn, WG	70+51=121
27. Prior, Eng	61+57=118
28. Bentheim, WG	57+44=101
29. Kelly, Isle of Man	52+47= 99
30. Haigh, Eng	50+43= 93
31. Thorpe, Eng	45+42= 87
32. Mosner, WG	49+36= 85
33. Haun, WG	47+37= 84
34. Taylor, USA	44+39= 83
35. Vaharis, Greece	43+36= 79
36. Chapman, Eng	46+33= 79
37. Davies, USA	49+29= 78
38. Brockway, USA	38+36= 74
39. O'Neill, Ireland	47+26= 73
40. Baker, Eng	36+36= 72
41. Fischer, WG	40+25= 65
42. Buijserveld, Holland	31+23= 54
43. Passerini, Italy	27+26= 53
44. Nottage, Eng	20+18= 38
45. Cohen, Eng	8+ 8= 16

EUROPE

4865	AZORES: Ponta Delgada	KJ	P	33333	2155
5000	ITALY: IBF, Turin id by man then cw	KJ		44444	1645
5930	CZECHOSLOVAKIA: R Prague	AD	E	4	0200
5975	ENGLAND: BBC	KS	S	5	0115
5990	SWEDEN: R Sweden	AD	E	2	0030
6000	AUSTRIA: ÖRF	AP	G	33333	1300
6005	WEST GERMANY: RIAS	KS	G	2	0245
6010	ITALY: R Roma	AD	E	4	0100
6015	SWITZERLAND: SBC	KS		4	1945
6020	HOLLAND: R Nederland Happy Station on Sun	MK	E	54444	1030
6025	PORTUGAL: Em Nacional	AK	AP	4	2100
6030	WEST GERMANY: SDR	FS	G	5	2300
6035	USSR: R Minsk	AD	R	4	1830
6050	ITALY: RAI	KS		5	0115
6055	CZECHOSLOVAKIA: R Prague // 9505 & 9575	DP	E	54444	0700
6065	SWEDEN: R Sweden Sweden Calling DXers	BN	E	33433	2052
6070	BULGARIA: R Sofia	AP	G	42332	2000
6080	EAST GERMANY: RBI	AP	G	33443	1515
6085	HOLLAND: R Nederland	FS		5	2310
6090	LUXEMBOURG: R Luxembourg	KS	E	4	0105
6100	WEST GERMANY: DW	KS	G	5	2315
6110	ENGLAND: BBC	KS	E	5	2320
6135	USSR: R Alma Ata	KJ		33333	1345
6135	POLAND: R Warsaw nx & This week in Poland	BN	E	45454	2030
6140	SPAIN: RNE	TO	S	4	1920
6165	SWITZERLAND: SBC	TO		4	1305
6190	VATICAN STATE: Vatican R	KS	S	3	0035
6195	ALBANIA: R Tirana	AD	FS	5	0045
6234	HUNGARY: R Budapest	AD	FS	3	0100
6255	AUSTRIA: Schulungssender der Österreichischen Bundesheeres				
		AK	G	55444	1700
7210	NORWAY: R Norway	AD	TO	3	1200
7140	POLAND: Polskie R		AK	55455	1740
7195	YUGOSLAVIA: R Belgrade		AK	34444	1730
7245	AUSTRIA: ÖRF		AD	2	0930
7285	POLAND: Polskie R		AK	55454	1730
7295	ALBANIA: R Tirana		AK	54444	1700
9505	ALBANIA: R Tirana	AD	DP	3	1100
9510	ROMANIA: R Bucarest		AD	3	0130
9555	FINLAND: FBC Spotlight on Finland		MK	42433	1800
9560	BULGARIA: R Sofia		AP	43433	0730
9590	WEST GERMANY: R Free Europe		TV	32232	1535
9600	USSR: R Tashkent mailbag		KJ	43433	1420
9625	SWEDEN: R Sweden	AD	DP	4	1100
9645	NORWAY: R Norway "Norway this week"	BN	MK	44444	1100
9665	SWITZERLAND: SBC news		MK	54444	1130
9710	ITALY: RAI news		MK	43343	1935
9735	WEST GERMANY: DW		AD	3	0130
9770	AUSTRIA: ÖRF		AD	KS	3
11705	SWEDEN: R Sweden		AD	E	3
11730	HOLLAND: R Nederland "Happy Station"		TV	34523	1625
11785	AUSTRIA: ÖRF ids in G,E & F		DP	33333	1300
11785	WEST GERMANY: DW		TO	4	0845
11840	POLAND: Polskie R		AD	E	3
11865	SWITZERLAND: SBC "Melody Train"		MK	43343	2100
11905	ITALY: RAI		TV	I	55454
11910	HUNGARY: R Budapest		AK	43444	1330
11945	ROMANIA: R Bucarest		AP	E	32333
11955	POLAND: Polskie R		AP	G	45444
15120	FRANCE: ORTF		TV	F	45544
					2345

15175	NORWAY: R Norway	AD	E	3	3	1800
15185	FINLAND: FBC	MK	E	43333		1615
15240	SWEDEN: R Sweden	TV	E	55544		1400
15250	ROMANIA: R Bucarest	BL	E	5	4	1300
15285	CZECHOSLOVAKIA: R Prague	DP	E	54444		1200
15305	SWITZERLAND: SBC "S W Merry go Round"	TV	E	44444		1530
15355	WEST GERMANY: R Free Europe pop mx	BN		44444		1335
17845	ROMANIA: R Bucarest news	MK	E	42333		1300
17845	SWITZERLAND: SBC news	MK	E	42333		1300
17875	WEST GERMANY: DW	FS	E	5	4	1445
21495	PORTUGAL: Em Nacional	AP BN	FS	E	54444	0730
21525	BELGIUM: RTB		FS	5	5	1115
21580	FRANCE: ORTF		FS	5	4	1500
21590	BELGIUM: RTB		FS	5	4	1115
21735	PORTUGAL: Em Nacional	AP	P	44444		1200

AFRICA

4770	LIBERIA: ELWA BBC World news	RH	E	?		0700	
4807.5	SAO TOME: R Clube de Sao Tome	RV	3	3		2100	
4836	BOTSWANA: R Botswana BBC news	TE		33433		1800	
4890	SENEGAL: Dakar	AP	F	33332		0615	
4904	CHAD: Fort Lamy	HL	F	4	3	1900	
4915	GHANA: Accra	RH		?		1800	
4925	MOCAMBIQUE: RCM program A	RH		?		1730	
4940	IVORY COAST: Abidjan	RV	F	3	3	2245	
4984	ANGOLA: R Ecclesia	RH	P	?		2030	
5047	TOGO: Lomé	KS	F	2	2	2100	
5955	MOROCCO: VOA Tangier	TO	E	3	3	1940	
6080	ALGERIA: R Alger	AK	F	45444		1900	
6140	BIAFRA: Voice of Biafra news	BN	E	23332		2300	
6180	LIBERIA: VOA Monrovia	TO	E	4	4	2020	
6250	GUINEA EQUATORIAL: R Santa Isabel	RV		3	2	2255	
7275	NIGERIA: Lagos	AD	E	3	3	1815	
9475	UAR: R Cairo	AP	G	55444		2100	
9508	SUDAN: Omdurman	KJ	A	34343		2100	
9545	GHANA: R Ghana news & weekly review	MK	E	43444		2145	
9705	SOUTH AFRICA: R RSA	AD TO	TV	2	2	0130	
9760	GHANA: Accra	KJ	E	44444		2040	
11710	CONGO: R Brazzaville highlife music	KJ	F	43433		1705	
11735	MOROCCO: R TV Marocaine	AP KJ	TV	E	43333	1830	
11845	MOCAMBIQUE: RCM	KJ		54544		1750	
11850	GHANA: R Ghana highlife music	KJ	E	43443		2045	
11866	CONGO DEM REP: R Lubumbashi	AP KJ	RV	F	33333	1700	
11875	SOUTH AFRICA: R RSA	TO	E	4	4	2100	
11900	SOUTH AFRICA: R RSA		TV	E	3	3	1610
11930	CONGO: R Brazzaville news	KJ	F	43433		1800	
11950	CONGO DEM REP: Rdif TV Congolaise	GG	F	?		1922	
11970	LIBERIA: VOA Monrovia	TO	E	4	3	1745	
11950	LIBERIA: ELWA	AP	E	43333		0615	
12005	UAR: R Cairo	AD AK	E	4	4	2250	
15365	NIGERIA: R Nigeria	AD AK	E	3	3	1630	
17920	UAR: R Cairo	DP	E	54444		1415	
21455	NIGERIA: Voice of Nigeria	AD AP	E	3	3	1630	
21535	SOUTH AFRICA: R RSA news	AD BN MK	E	43444		1700	

ASIA

4920	INDIA: AIR Madras	RH		?		1600
4960	INDIA: AIR Delhi	KS		5	4	0045
5040	BURMA: BBS news	KS		3	2	1500
6000	SAUDI ARABIA: Riyadh	AK	A	33443		2000
6025	INDIA: AIR	KS	E	4	3	2100
6095	IRAQ: R Bagdad	AD	E	2	2	1930
6540	NORTH KOREA: R Pyongyang	AK	E	35444		1900
7215	INDIA: AIR	AD	E	4	4	1800

7235	PAKISTAN: R Pakistan	AD	E	3	3	1945						
7300	CHINA: R Peking	AD	E	3	3	0930						
7345	CHINA: R Peking	TV	E	34423	1600							
9380	CHINA: R Peking	AK	S	44444	2100							
9515	TURKEY: R Ankara	AK	FS	54444	2100							
9555	IRAQ: R Bagdad	AK	BL	44444	1500							
9560	JORDAN: R Amman	AD	AK	DP	BN	MK	TE	TV	E	2	2	1600
9605	JAPAN: NHK	AP	E	33333	1800							
9610	AFGANISTAN: R Kabul	AP	G	32333	1730							
9670	SAUDI ARABIA: Jeddah news	KJ	A	44333	1840							
9675	PAKISTAN: R Pakistan	BN	E	34443	2000							
9700	JAPAN: NHK General Overseas Service	BN	E	43343	2200							
9710A	CHINA: R Peking	AK		23322	2000							
9750	PAKISTAN: R Pakistan	DP	BL	KJ	R	43434	2020					
9912	INDIA: AIR	AK	BN	E	45444	1945						
11600	CHINA: R Peking	AD	E	4	4	0945						
11710	INDIA: AIR	AD	TV	E	2	2	0015					
11750	SINGAPORE: BBC FES	DP	E	23333	1300							
11785	LEBANON: R Lebanon	AD	E	3	3	0240						
11855	SAUDI ARABIA: Jeddah	KJ	A	54444	1900							
11940	KUWAIT: R Kuwait news	AP	BN	BL	TV	E	54544	1615				
15060	CHINA: R Peking	AD	E	4	4	0945						
15150	SAUDI ARABIA: Jeddah	TO		3	3	1320						
15230	CEYLON: Commercial Sce of R Ceylon	BN	E	33232	1545							
15265	AFGHANISTAN: R Kabul	AP		33333	1200							
15320	PAKISTAN: R Pakistan news	TV	E	34333	1515							
17825	JAPAN: NHK	AK	AP	MK	PK	G	43333	0700				
9570	QATAR: R Qatar	PA		3-4	1410							

PACIFIC

6095	AUSTRALIA: ABC	TV	E	34132	1930			
9560	AUSTRALIA: ABC	AD	AP	DP	TV	E	433333	0645
11710	AUSTRALIA: ABC	AK	E	44444	0800			
11740	AUSTRALIA: ABC	AK	E	32443	1500			
15220	AUSTRALIA: ABC	FS	E	4	3	2240		
15240	AUSTRALIA: ABC	FS	E	4	3	2240		

NORTH AMERICA

5970	CANADA: CBC	AD	E	3	3	0100		
5985	USA: VOA Dixon news	KS	E	2	2	2300		
9610	CANADA: CBC	AK	E	35444	2100			
9625	CANADA: CBC Northern Service	DP	TV	E	22222	0645		
9690	USA: WNYW	AD	E	3	3	2000		
9755	USA: AFRTS	AD	E	3	3	0915		
11720	CANADA: CBC "Sunday Magazine"	AK	MK	E	43344	2100		
11740	USA: VOA Greenville	RV	S	4	4	2300		
11970	USA: WNYW	RV		3	3	2130		
15130	USA: WNYW	MK	E	43444	2000			
15235	USA: VOA Greenville	FS		3	3	2235		
15320	CANADA: CBC	AD	AP	AK	E	3	3	1910
15440	USA: WNYW	AD	AK	E	4	4	1900	
17720	USA: WINB	AP	BN	E	33333	1745		
17760	USA: WNYW	AK	E	44444	1930			
17820	CANADA: CBC	AK	G	35344	1745			
21525	USA: WNYW	MK	E	53444	1730			
21595	CANADA: CBC news & sports	MK	E	43444	1630			
21600	USA: AFRTS	AD	E	4	4	1700		

CENTRAL AMERICA

11700	GRENADE: WIBS	AP	E	44444	2130		
11760	CUBA: R Habana	DP	KJ	S	54444	2300	
11815	NETH. ANTILLES: TWR Bonaire	AK	MK	RV	4	43444	2000
11837	HAITI: 4VEH	RV		3	3	2100	
15340	NETH. ANTILLES: TWR Bonaire	AK	MK	E	53444	2100	

17715	CUBA: R Habana "The truth about Cuba"	BN	E	44344	2057
<u>SOUTH AMERICA</u>					
4765	BRAZIL: R Feira de Santana	RV	P	2	2
4885	COLOMBIA: Ondas del Meta	PÄ	S	3-4	0700
4890	VENEZUELA: R Difusora	DP	S	55444	0800
4900	VENEZUELA: R Juventud	HS	S	4	4
4905	BRAZIL: R Relogio	RV	P	3	2200
4905	COLOMBIA: R Guatapuri	PÄ	S	4	0310
4920	VENEZUELA: R Caracas	KJ	S	34343	2230
4940	VENEZUELA: R Yaracuy	AD	S	4	0315
4930	VENEZUELA: R Junin	PÄ	S	4	-0805
4970	VENEZUELA: R Rumbos	AD	DP	3	0300
4980	VENEZUELA: Ecos del Torbes	AD	RH	RV	0800
5965	BRAZIL: R Guaiba	KS	P	3	2300
6000	BRAZIL: R Inconfidencia	KS	P	3	0100
6035	BRAZIL: R Globo	FS	KS	3	0200
6050	ECUADOR: HCJB // 11915 & 15325	AD	DP	E	44444
6130	ECUADOR: HCJB	AK	AP	45444	0510
6175	BRAZIL: R Guarani	TE	P	33333	2350
6185	BRAZIL: R Bandeirantes	FS	BN	3	2355
9595	BRAZIL: R Cultura de Bahia	RV	P	2	2300
9620	BRAZIL: R Nove de Julho	KJ	TE	P	43444
9635	COLOMBIA: R Nacional	AD	TV	S	3
9645	ECUADOR: HCJB	AP	G	33333	0600
9685	BRAZIL: R Gazeta	KJ	P	34432	2150
11720	BRAZIL: R Nacional de Brasilia	GG	P	?	2335
11755	ECUADOR: HCJB	AP	G	31322	0600
11765	BRAZIL: R Tupi	DP	P	34444	2330
11865	BRAZIL: R Clube Pernambuco	TE	P	44444	2300
11880	ARGENTINA: R Splendid news	TE	S	33333	0000
11915	BRAZIL: R TV Gaucha	TE	P	44444	2215
11925	BRAZIL: R Bandeirantes	BN	RV	P	23332
11935	BRAZIL: R Clube Paranaense	BN	RV	TE	P
11950	BRAZIL: R Ministerio de Educacao	RV	P	3	2215
15155	BRAZIL: R Dif Sao Paulo	AP	BN	GG	P
15325	ECUADOR: HCJB	AK	DP	E	24332
17855	ECUADOR: HCJB	AP	G	24322	1930
					2000

CREDITS: AD - Allen Dean, England; AK - Albert Kosnopf, West Germany; AP - Arnold Petric, Austria; BL - Bernard Law, England; BN - Bernard Nottage, England; DP - Dennis Parker, England; FS - Folke Stenman, Finland; GG - Georg Högl, West Germany; HL - Hans Lunkka, Finland; HS - Håkan Sundman, Finland; KJ - Kaj Bredal Jørgensen, Denmark; KS - Karl-H. Stabén, Sweden; MK - Margaret Kelly, Isle of Man; PK - Peter Kriesel, West Germany; PÄ - Pertti Ayräs, Finland; RH - Reg Holway, England; RV - Raimo Vuojärvi, Finland; TO - Terho Vuojärvi, Finland; TE - Tor-Henrik Ekblom, Denmark and TV -- Theodosius Vaharis, Greece.

ON THE BANDS - North America

compiled by Martti Rinne

EUROPE

7345	CZECHOSLOVAKIA: R Prague	EO	E	Fair	0100
9535	SWITZERLAND: SBC	EO	E	Fair	0130
9610	NORWAY: R Norway	EO	N	Good	0100
9615	VATICAN STATE: R Vaticana	EO	E	Good	0050
9620	YUGOSLAVIA: R Beograd	EO	E	Good	1530
9706	BULGARIA: R Sofia	EO	B	Fair	0100
11850	NORWAY: R Norway	EO	N	Good	2000
11865	SWEDEN: R Sweden - new fq	EO	E	Good	1900

11920	FRANCE: ORTF	EO	F	Good	1600
11990	CZECHOSLOVAKIA: R Prague	EO	E	Good	1530
15310	SWEDEN: R Sweden	EO	E	Good	1600

AFRICA

4765	CONGO: Rdif TV Congolaise	DR	F	45334	-2100
4820	ANGOLA: Emisora Oficial	EO	P	Fair	0500
4870	DAHOMEY: R Cotonou	EO	F	Fair	0515
4890	SENEGAL: R Senegal	EO	F	Fair	0630
4945	SOUTH AFRICA: Comm Sce of SABC	EO		Fair	0145
5020	NIGER: R Niger	DR	F	35222	2100
5047	TOGO: R Lome	EO	F	Fair	0530
9475	EGYPT: R Cairo	EO		Good	0130
9600	ETHIOPIA: ETLF - news	JB	E	32432	0400
11800	CANARY ISLANDS: RNE/Canarias	EO	S	Fair	2300
11850	GHANA: R Ghana	EO	E	Good	2030
11865	CONGO: R Lubumbashi	EO	F	Fair	1200
11895	SENEGAL: R Senegal	EO	E	Good	1840
11900	TUNISIA: R Tunis	EO	F	Fair	2230

ASIA

4950	SARAWAK: R Malaysia	EO		Fair	1500
5040	BURMA: R Burma (BBS)	EO	E	Fair	1430
6090	IRAQ: R Baghdad - // 9550	EO	A	Fair	1430
9009	ISRAEL: Kol Israel	EO	R	Good	0530
9570	QATAR: R Doha	EO	A	Good	1500
9588	INDONESIA: RRI	EO		Poor	1630
9660	MALAYSIA: R Malaysia	EO		Fair	1530
11705	JAPAN: NHK - R Japan	EO	E	Good	1615
11790	AFGHANISTAN: R Kabul	EO	E	Poor	1800
11800	CEYLON: R Ceylon	EO		Fair	1600
11855	SAUDI ARABIA: Saudi Arabian Broadcasting	EO	A	Fair	1200
11855	SAUDI ARABIA: SAB	DR	A	44444	1900
11940	SINGAPORE: R Singapura	EO	E	Good	1600
15135	IRAN: R Tehran	EO	R	Fair	1730
15170	JORDAN: R Amman	EO	A	Fair	1745
15440	PHILIPPINES: FEBC	EO	E	Good	0130

PACIFIC

3385	PAPUA: R Rabaul	EO		Fair	1200
7170	NEW CALEDONIA: R Noumea	EO	F	Fair	0700
9540	AUSTRALIA: R Australia	EO	E	Fair	1600
11840	AUSTRALIA: R Australia	EO	E	Good	1800

NORTH AMERICA

11795	USA: WINB	EO	E	Good	2100
15230	USA: WNYW	EO	E	Good	2100

CENTRAL AMERICA

3300	BRITISH HONDURAS: R Belize	DR	S	35333	0200
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SOUTH AMERICA

3265	GUYANA: R Demerara	DR	E	44333	0245
4800	VENEZUELA: R Lara	DR	S	55444	0210
9745	ECUADOR: HCJB	EO		Good	1530
11765	ECUADOR: HCJB	EO		Good	0200

CREDITS: See after QSLs Received

Lang uage	Rec ept	GMT Time
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Part I - loggings made in Norden

Europe

755	FINLAND: Yleisradio/Kuopio		3	(the)	1715
1133	YUGOSLAVIA: R Zagreb	Tom Jones	5	(khs)	2320
1259	GREECE: VOA/Rhodes		4	(khs)	1555
1394	ALBANIA: R Tirana	in German	4-5	(khs)	2220
1562	INT. WATER: R Veronica		3	(khs)	2330

Iberia

638	RNE/La Coruña	news	2-4	(rv,the, tv)	0000
755	PORTUGAL: Em. Nacional	in German	4	(tv)	0005
800	EAJ-7 R Madrid		2	(khs)	0015
827	EAJ-1 R Barcelona		3	(rv)	0130
917	EAJ-2 R Esp. de Madrid		3	(tv)	0030
1034	PORTUGAL: CSB-2 R Cl. Portugues		2-3	(tv)	0100
1079	RNE/Valencia		3	(tv)	0020
1097	EFE-14 La Voz de Madrid		4	(tv)	0050
1124	EAJ-15 R Esp. de Barcelona		4	(khs)	0015
1133	ECS-8 La Voz del Guadalquivir		3	(hl)	0100
1133	EFE-22 La Voz del Principado		3	(hl)	0155
1178	RNE/Barcelona		3-4	(rv, tv)	0100
1223	RNE/Madrid		2-3	(tv)	2330
1286	PORTUGAL: CSB-3 R Renascenca		3	(khs)	2350
1313	RNE/Zaragoza		3-4	(rv, tv)	0100
1385	ECS-11 R Centro		3	(tv)	0100
1520	EAJ-31 R Alicante		2	(tv)	2355
1594	PORTUGAL: CSB-4 Em. Ass. de Lisboa		3	(khs)	0050

Africa

962	TUNISIA: Tunis II		3-4	(khs, tv)	2300
1088	ANGOLA: CR6RZ Em. Oficial	Mozart	4	(khs)	2325
1403	GUINEA: Conakry	highlife	5.1	3-4	(hs, khs)

Asia

630	PAKISTAN: Lahore Bengali Radiolesson		3	(khs)	1530
690	PAKISTAN: Dacca Rexona adv.		3	(khs)	0605
800	JORDANIA: R Amman		3	(tv)	2200
1000	RED CHINA station		29.12	3-4	(pä)
1070	INDIA: AIR/Rajkot		14.1	3	(ds)
1090	RED CHINA station		29.12	3	(pä)
1178	RYUKYU ISLANDS: VOA/Okinawa		2	(hl)	1450
1220	RED CHINA station		26.12	3	(pä)
1228	RED CHINA station		28.12	3	(pä)
1280	RED CHINA station		26.12	4	(pä)
1340	RED CHINA station		26.12	3	(pä)
1390	IRAN: R Ahwaz call in English!!		4	(khs)	2315
1421	CYPRUS: BBC/Cyprus news in English		3	(khs)	2300
1525	RED CHINA: Urunchi QRM from jammers		4	(khs)	2330

North America

650	GREENLAND: R Greenland Godhavn		4.1	3	(cw, mr)	0145
1000	CKBW Bridgewater N.S.	news	4.1	4	(cw, mr)	0230
1070	CBA Moncton/Sackville N.B.		3,4,5,10.1	4	(dsh, hs, mr)	0100

1090	WBAL	Baltimore Md.	Nancy & Frank	3,4.1	3-4	(cw, mr)	0010
1130	WNEW	New York N.Y.	.	3.1	3	(hq)	0030
1170	WWVA	Wheeling W. Va.	religious	4.1	3	(cw, mr)	0125
1180	WHAM	Rochester N.Y.	.	4.1	3	(cw, mr)	0150
1200	WOAI	San Antonio Tex.	.	3.1	3	(hq)	0105
1210	WCAU	Philadelphia Pa.	basketball	3,4,5.1	4	(cwk,lhsmr)	0140
1220	WGAR	Cleveland O.	.	5.1	3-4	(cwh,llwmr)	0130
1235	BERMUDA:	ZBM1 R Bermuda	.	3,4.1	3	(cw, ds, mr)	0030
1250	CKBL	Matane Que.	Ray Charles	3-6.1	4	(cwh, slw, mr)	0110
1250	WEMP	Milwaukee Wis.	.	19.12	3	(pä)	0200
1320	CKEC	New Glasgow N.S.	.	3,5,10.1	4	(ds, hs)	2310
1330	WPOW	New York N.Y.	.	5.1	3-4	(hl, hs)	2335
1340	BERMUDA:	ZBM2 R Bermuda	.	10.1	3	(ds)	0130
1375	ST. PIERRE ET MIQUELON:	ORTF	.	4,6.1	2	(cw, hs, mr)	0040
1520	WKBW	Buffalo N.Y.	.	3.1	4	(hq)	0150

Central America

1180	DOMINICAN REPUBLIC:	HIBE R Mil	.	19.12	2-3	(pä)	0100
1190	PUERTO RICO:	WBMJ San Juan	.	31.12	2-3	(pä)	0210
1230	PUERTO RICO:	WNIK R Unica Arecibo	.	28.12	1-3	(pä)	0025
1295	NETHERLANDS ANTILLES:	PJD2 Voice of Sint Maarten	.	3,10.1	3	(ds, hq)	0120
1310	MARTINIQUE:	ORTF SIGN OFF	.	10.1	3	(ds)	0238

South America

1200	VENEZUELA:	YVOZ R Tiempo	.	19.12	1-4	(pä)	0145
1213	COLOMBIA:	HJBE R Internacional	.	3.1	3	(hq)	0135
1227	COLOMBIA:	HJFP R Neiva	.	31.12	2-3	(pä)	0210
1280	BRAZIL:	PRG3 R Tupí	football	10.1	3	(ds, khs)	2345

Credits:

cw - Christer Wilkman,	Dickursby	ds - Daniel Söderman,	Helsingfors
hl - Hans Lunkka,	Helsingfors	hq - FDXC HQ,	Helsingfors
hs - Håkan Sundman,	Helsingfors	khs - Karl-H Stabén,	Sweden
lw - Lars-Göran Winberg,	Borgå	mr - Martti Rinne,	Helsingfors
pä - Pertti Äyräs,	Åbo/Turku	rv - Raimo Vuojärvi,	Helsingfors
the- Torre Ekblom,	Denmark	tv - Terho Vuojärvi,	Helsingfors?

Part II - loggings made in other parts of Europe

529	ALGERIA:	Ain Beida	.	5		(ak)	2245
539	HUNGARY:	R Budapest	in English	5		(ak)	2340
557	USSR:	Volgograd??	.	13.1	3	(gm)	0000
593	MOROCCO:	Oujda I	.	2		(ak)	1900
600	SAUDI ARABIA:	Riyadh	.	31.12	4	(gm)	2020
620	CANARY ISLANDS:	RNE/Tenerife	.	13.1	3	(gm)	0010
620	UAR:	Batra I	.	3		(ak)	2310
629	TUNISIA:	Tunis I	.	4		(ak)	2320
640	CANADA:	CBN St. John's Nfld.	.	29,31.12	2-3	(ak, wt)	0215
647	SAUDI ARABIA:	Jeddah	.	3		(ak)	2245
656	USSR:	Murmansk	sign off	13.1	4	(gm)	0100
660	USA:	WNBC New York N.Y.	.	29.12;13.1	1-3	(gm, wt)	0160
677	ISRAEL:	Jerusalem	.	31.12	3	(gm)	2024
701	ANDORRA:	R Andorra	.	4		(ak)	1845
710	USA:	WOR New York N.Y.	.	29.12	3	(wt)	0230
710	CANADA:	CKVM Ville-Marie Que.	.	12.1	3	(wt)	0015
746	SYRIA:	Aleppo	.	30.12	4	(gm)	2320
760	IRAQ:	Hurriyah	.	30.12	3	(gm)	2025
764	USSR:	Odessa	.	4		(ak)	0330

764	SENEGAL: Radiodiff. du Sénégal	30.12	4	(gm)	2325
770	USA: WABC New York N.Y.	29.12	3	(wt)	0215
773	UAR: Abu Zaabal I		2	(ak)	1900
782	SYRIA: Tartus		3	(ak)	1900
791	GREECE: VOA/Thessaloniki		4	(ak)	1900
800	SPAIN: EAJ-7 R Madrid		?	(gg)	0135
818	MOROCCO: Casablanca I	13.1	4	(gm)	0020
836	LEBANON: R Lebanon		3	(ak)	2315
860	CANADA: CJBC Toronto Ont.	12.1	2	(wt)	0150
890	ALGERIA: Algiers II	30.12	3	(ak)	2130
930	CANADA: CJON St. John's Nfld.	29.12	4	(wt)	0200
935	MOROCCO: Agadir I	31.12	4	(ak)	0145
940	CANADA: CBM Montreal Que.	12.1	2	(wt)	0110
944	USSR: Baku	31.12	3	(ak)	0325
950	CANADA: CHER Sydney N.S.	29.12	3	(wt)	0100
960	CANADA: CHNS Halifax N.S.	12.1	3	(wt)	0045
962	TUNISIA: Tunis II	30.12	4	(ak)	2320
980	ALGERIA: Algiers I		3	(ak)	2315
990	CANADA: CBW Winnipeg Man.	12.1	4	(wt)	0050
1000	CANADA: CKBW Bridgewater N.S.	31.12	2	(ak)	0205
1010	USA: WINS New York N.Y.	29.12	2-4	(ak,wt)	0130
1070	USSR: Dnepropetrovsk	13.1	3	(gm)	0055
1070	CANADA: CBA Moncton/Sackville	30.12;12.1	3	(ak,gm,wt)	0100
1070	INDIA: AIR/Rajkot	31.12	3	(ak)	0105
1088	USSR: Perm	13.1	3	(gm)	0108
1090	USA: WBAL Baltimore Md.	5.1	4	(wt)	0050
1097	SPAIN: EFE-14 La Voz de Madrid		4	(ak)	0115
1106	USSR: Vilnius II		4	(ak)	0200
1115	MOROCCO: Tangier I	31.12;13.1	2-3	(ak,gm)	0100
1120	USA: KMOX St. Louis Mo.	5.1	2	(wt)	0100
1124	SPAIN: EAJ-15 R Esp. de Barcelona		?	(gg)	1905
1130	USA: WNEW New York N.Y.	5.1	4	(wt)	0050
1133	YUGOSLAVIA: R Zagreb		?	(gg)	1900
1169	PORTUGAL: CSB-30 R Renascenca	30.12	3	(gm)	2327
1170	USA: WWVA Wheeling W. Va.	5.1	4	(wt)	0120
1178	SPAIN: RNE/Barcelona		5	(ak)	1945
1200	BRAZIL: PRE9 Ceará R Clube	30.12	3	(kz)	0100
1210	VENEZUELA: YVMR R Coro	5.1	2	(wt)	0135
1210	USA: WCAU Philadelphia Pa.	30.12	3	(kz)	0230
1240	INT. WATER: R Free London testing	30.12	4	(kz)	0159
1241	USSR: Kiev III		3	(ak)	0107
1250	BRAZIL: PRG3 R Tupí	30.12	2-3	(ak,kz)	0130
1280	CANADA: CJMS Montreal Que.	5.1	3	(wt)	0300
1310	CANADA: CKOY Ottawa Ont.	5.1	4	(wt)	0240
1345	KUWAIT: Kuwait BS	31.12	4	(gm)	2020
1385	USSR: Kaunas		4	(ak)	1825
1385	GREECE: Athens II News in French	13.1	4	(ak,gm)	0130
1421	ALGERIA: Algiers III Saar-QRM		?	(ak)	1700
1433	GREECE: Pyrgos Bc. Station	cd 30.12	4	(kz)	0300
1493	USSR: Gomel		4	(ak)	0117
1510	USA: WIEX Boston Mass.	5.1	2	(wt)	0225
1520	USA: WKBW Buffalo N.Y.	5.1	4	(wt)	0210
1520	SPAIN: EAJ-31 R Alicante		3	(ak)	1655

Credits:
 gg - Georg Högl, Germany
 kz - Kurt D Zscherp, Germany
 ak - Albert Kosnopf, Germany
 gm - Glyn Morgan, United Kingdom
 wt - W.J. Thorpe, United Kingdom

Recordings made by Jack Bacon Jr Bloomington, Minnesota, USA:

650	HAWAII: KORL Honolulu	16.12	3	0725
700	GUATEMALA: TJHR R Mundial	13.1	2	0430

Mellanvågs-QSL

Mellanvågs-QSL

R Tirana	rek brev		khs	Deutschlandfunk	kort	1268	2v	pos	
NRK/Fredrikstad	kort	1578	10d	sj	UKE-Senderen	kort	1313	40d	
Polskie R	kort+brev	1502	2m	pos	R Moscow	kort	1493	3v	
R Riga	kort+vimpel	575	25d	pos	R Tallinn	kort+brev	1034	1m	
YLE/Kuopio	folder	755		the	RNE/La Coruña	kort	638	10d	
EAJ-15	Radio España de Barcelona						1124	6d	
					kort, brev + vimpel			sj	
AIR/Kohima	aerogram	1490		khs	AIR/Rajpur	brev	980	khs	
AIR/Gauhati	kort	730		khs	AIR/Calicut	kort	680	khs	
AIR/Siliguri	brev	1560		khs	AIR/Jaipur	kort	1270	khs	
AIR/Sambalpur	brev	860		khs	AIR/Udaipur	aerogram	1170	khs	
ZBM1	R Bermuda	kort	1235	10d	mr	CBN St John's	kort	640	3v
CKBL	Matane	kort	1250	10d	mr	WCAU Phil.	kort	1210	8d
WGAR	Clevel.	kort	1220	10d	chw,lgw, mr	WWVA Wheeling	kort	1170	9d
						KCBS Frisco	kort	740	3m
R Antilles	brev	930		khs	WMDD Fajardo	kort	1480	chw,lgw	
R Trinidad	persbrev	730		khs					

Bidragsgivare:

chw - Christer Wilkman, Dickursby
 lgw - Lars-G Winberg, Borgå
 pos - Per-Ole Särs, Kristinestad

khs

mr

the

- Karl-H Stabén,

- Martti Rinne,

- Torre Ekblom,

Nynäshamn S

Helsingfors

Köpenhamn D

MV-RANKEN's 20-i-topp och förändringarna i poängställningen (28.1.1969)

	Eu	Ib	Af	As	Oc	NA	CA	SA	länd	stns	summa
1. Göran Eklund	62	33	7	10	72	17	5	7	61	+ 213	= 274
2. Pauli J Vahtera	75	67	7	20	-	28	3	9	59	+ 209	= 268
3. Karl-H Stabén	78	37	7	26	-	23	4	-	54	+ 175	= 229
4. Sven-Erik Hjelt	60	46	7	16	-	20	4	5	58	+ 158	= 216
5. Kjell Norman	49	26	3	5	-	54	3	3	40	+ 143	= 183
6. Christer Wilkman	58	43	5	3	-	10	4	5	43	+ 128	= 171
7. Sven Kockberg	37	12	2	9	-	42	4	5	50	+ 111	= 161
8. Leif Blomqvist	41	18	3	6	-	37	4	4	45	+ 113	= 158
9. Kjell Boman	47	33	6	6	-	16	2	4	44	+ 114	= 158
10. Eric Gagneur	34	47	3	6	-	16	2	2	39	+ 110	= 149
11. Stig Björkas	54	25	5	11	-	2	1	1	47	+ 99	= 146
12. Jan-E Österholm	34	31	1	12	-	16	7	3	32	+ 104	= 136
13. Lars-G Winberg	51	35	5	3	-	2	1	-	34	+ 97	= 131
14. Hans Lunkka	14	28	3	2	-	47	2	2	19	+ 98	= 117
15. Torre Ekblom	38	32	2	2	-	5	1	2	33	+ 82	= 115
16. Dani Söderman	11	9	7	4	11	15	20	4	31	+ 81	= 112
17. Martti Rinne	44	17	2	1	-	7	1	-	32	+ 72	= 104
18. Anders Willför	37	18	2	1	-	1	2	3	32	+ 64	= 96
19. Tapani Niskanen	35	21	2	4	-	-	-	-	26	+ 62	= 88
20. Per-O Lönnberg	26	20	1	5	-	1	2	2	26	+ 57	= 83
26. Sven Johansson	33	10	1	-	-	-	-	-	19	+ 44	= 63
39. Per-Ole Särs	5	-	-	-	-	-	-	-	3	+ 5	= 8
40. Folke Stenman	1	-	-	2	-	-	-	-	3	+ 3	= 6

FINLANDS DX-CLUB r.f.
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Postgirokonto/Finland: 15
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ATTENTION
Organ för FDXC

Utkommer omkring varje månadsskifte
Bidraget bör vara i Box 10214 senast den
varje månad.

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Tipsredaktör	Hans Lunkka
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	S & H 52 E 19, Dickursby
	Kjell Boman

ATTENTION

Eftertryck förbjudes. Undantagstillstånd kan
beviljas enligt särskild överenskommelse.

Övriga funktionärer

Distributionschef	Hans Lunkka
Klubbmästare	Christian Lindholm

KORTVÄGSPROGRAM

Finlands DX-Club:s kortvägsprogram. Över Finlands Rundradios kortvägsändare i Björneborg sänds enligt följande (alla program på engelska):

Europa: vardagar 18.15-18.30 GMT, söndagar 16.15-16.30 GMT på 9550, 11805 och 15185 kc/s.

Nordamerika: dagligen 23.15-23.30 GMT på 15185 kc/s.

Söndagar: Mailbag, måndagar: Finnish music, tisdagar: Topics on Finland, onsdagar: DX-Corner, torsdagar: Mailbag, fredagar: Topics on Finland, lördagar: DX-Corner

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