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CONSTRUCCION DEL SONDEO DE EXPLOTACION OSMA-D

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1.-INTRODUCCION - ANTECEDENTES

En el marco del Convenio "Programas de Actuación en Aguas Subterráneas", suscrito entre el Departamento de Obras Públicas y Transportes del Gobierno Vasco y el Ente Vasco de la Energía, se ha realizado el sondeo de explotación hidrogeológica denominado OSMA-D.

Esta obra figura en el Catálogo de Actuaciones en Aguas Subterráneas, elaborado en el ámbito de dicho convenio en Julio de 1997.

Una vez finalizados los trabajos de perforación, acondicionamiento del sondeo y prueba de producción, se ha realizado el presente Informe Técnico en el que se recoge el desarrollo de los trabajos así como los resultados obtenidos.

2.- OBJETIVOS Y EMPLAZAMIENTO

El sondeo de explotación denominado OSMA-D, junto con otros realizados en su entorno, tiene por objeto regular una parte de los recursos asociados a la Unidad Hidrogeológica Subijana en este sector, drenados mayoritariamente por el manantial de Osma y sus surgencias temporales asociadas.

El punto de perforación se sitúa a escasos 3 m de distancia respecto al sondeo de control piezométrico Osma-2, realizado en Septiembre del año 1989. El sondeo emboquilla directamente en la formación carbonatada denominada Calizas de Subijana.

El punto de sondeo se sitúa dentro de terrenos de la Junta Administrativa de Osma. El acceso se realiza por la carretera que, partiendo del núcleo urbano de Osma, se dirige hacia los repetidores de televisión.

Para el acceso de la maquinaria se realizó un acondicionamiento del emplazamiento, no efectuándose balsa de decantación debido a la fuerte pendiente del entorno.

Los trabajos de acondicionamiento se realizan durante los primeros días de Julio de 1999 con una pala mixta de la empresa Excavaciones P. Fernández, S.A.

Las coordenadas UTM y la cota aproximada del punto de perforación son los siguientes:

X= 495.178

Y= 4.749.338

Z= 585 m



Emplazamiento sondeo OSMA-D

3.- GEOLOGIA LOCAL

El emplazamiento del sondeo Osma-D se localiza geológicamente en el flanco Sur de la suave estructura anticlinal de Zuazo, en cuyo núcleo aflora la potente formación margosa del Cretácico Superior denominada Margas de Zuazo.

3.1.- Estratigrafía

La estratigrafía general del área está constituida fundamentalmente por tres conjuntos litológicos: Margas y margocalizas (Turoniense medio-Conienciense inferior), Calizas (Conienciense medio-superior) y Margocalizas y margas (Santoniense inferior).

A continuación se comentan las características litológicas más sobresalientes de estos materiales.

Margas y margocalizas del Turoniense medio-Conienciense inferior (Margas de Zuazo)

Esta unidad litológica se encuentra constituida en su totalidad por una alternancia de margas y margocalizas estratificadas en paquetes de 20 cm a 1 m de espesor. Presenta una potencia global mínima de 550-1.000 m dependiendo de los sectores.

Las margas, de color grisáceo claro, aparecen en superficie bastantes alteradas, con aspecto apizarrado u hojoso. Son frecuentes los restos fósiles de equinodermos, disminuyendo su frecuencia en los paquetes más competentes.

Calizas del Conienciense medio-superior (Calizas de Subijana)

Dispuesta esta unidad concordantemente sobre la formación anterior, presenta una potencia que oscila entre 200-400 m dependiendo de los sectores.

Se encuentra formada mayoritariamente por calizas de grano fino a medio, fuertemente recristalizadas, de colores grisáceos a ocres. Localmente aparecen calizas bioclásticas, siendo los bivalvos los restos orgánicos mayoritarios. Por lo general presentan un aspecto masivo, aunque ocasionalmente se observan superficies de estratificación. Localmente se encuentran dolomitizadas, dando lugar a dolomías de tipo carniolar, de colores más claros.

Dentro de esta unidad se dan cambios laterales de facies hacia términos más ricos en componente arcilloso (margocalizas).

Margocalizas y margas del Santoniense inferior (Margas de Osma)

Con una potencia global variable entre 100 y 300 m, se sitúa concordantemente sobre el término anterior.

Se trata de una alternancia de margas y margocalizas en paquetes de potencia no superior a 2 m. Las características litológicas son muy semejantes a las Margas de Zuazo con abundantes restos de equinodermos, por lo general fracturados y deformados.

Toda esta unidad aparece en superficie muy fracturada y alterada. En sectores

más orientales a Osma (Villodas, Hueto de Abajo) aparece como un cambio de facies de las Calizas de Subijana.

3.2.- Tectónica

La principal estructura de la zona es el Anticlinal de Zuazo. Se trata de una amplia estructura con suaves buzamientos y direcciones SE-NW. Únicamente en el extremo noroccidental se ve interrumpido bruscamente por fracturas E-W lo que produce un cambio en la dirección de su eje, pasando a ser N-S.

La fracturación es muy intensa tanto a nivel de afloramiento como a escala de fotograma aéreo. El sistema de fracturación más desarrollado es aproximadamente N20°E correspondiendo a fracturas transversales asociadas al pliegue anticlinal. Otro sistema que alcanza relevancia es el longitudinal a estas estructuras, con una dirección aproximada N100-110 E. Las fracturas, por lo general, son abiertas. La casi totalidad de ellas responden a fracturas originadas en una etapa distensiva posterior a la compresión que origina los pliegues en la zona.

3.3.- Consideraciones hidrogeológicas

La Unidad Hidrogeológica Subijana constituye un acuífero de tipología kárstica, con porosidad primaria poco elevada y porosidad secundaria muy importante, originada por procesos de fracturación y dolomitización. En conjunto, la permeabilidad del acuífero puede considerarse muy alta.

Entre las surgencias asociadas directa o

indirectamente al acuífero carbonatado, se establece una división en relación con su funcionamiento: surgencias perennes y surgencias temporales. Al primer tipo corresponden los manantiales Nanclares (Qm aforado 440 l/s), Osma (Qm aforado 400 l/s), Abecia y Zuazo (Qm aforado 10-50 l/s). Los pertenecientes al segundo grupo son manantiales activos únicamente en períodos de aguas altas pero que, en dichos momentos, aportan caudales punta de hasta varios m³/s; tal es el caso de Subijana, Hueto o Trespuentes.

Mención aparte merece la zona de paso por las calizas del río Bayas cuyo funcionamiento es alternativamente como sumidero, en aguas medias-bajas, y como surgencia en aguas altas.

La disposición suavemente ondulada del nivel carbonatado permite, a pesar de su discreto espesor, una gran superficie de afloramiento (140 km², dentro de los límites administrativos impuestos a la unidad) en condiciones óptimas para facilitar la infiltración en detrimento de la escorrentía superficial.

Las condiciones de borde están compuestas por las facies margosas situadas a techo y muro del acuífero, aunque no actúan como límites estrictos; de hecho, un buen número de manantiales surgen en las margocalizas superiores.

El funcionamiento del acuífero es básicamente libre en el área de Subijana, y pasa a confinado en Nanclares y su

prolongación hacia el Sur, en la denominada depresión de Treviño. No obstante, en el punto de perforación elegido y dada la profundidad a la se encuentran las calizas el acuífero debe estar confinado.

La recarga se produce por infiltración de la precipitación sobre los afloramientos y, en determinadas condiciones hidrológicas, por infiltración del río Bayas a su paso por las calizas.

Las direcciones de flujo son convergentes hacia los principales puntos de descarga, pero con la particularidad de que estas direcciones no son constantes a lo largo del tiempo y existen algunas variaciones importantes. El caso más claro está constituido por el sector de Subijana que actúa, alternativamente, como punto de recarga y punto de descarga. El sentido de flujo del recurso infiltrado es hacia el Sur, aunque no es descartable cierta componente Este, dada la diferencia de cota del sector drenado hacia el río Zadorra.

Los parámetros hidrológicos de la zona son:

- Isoyeta media 900 mm
- Isoterma media 8°C
- Lluvia útil 450 mm.
- Porcentaje medio de infiltración de la lluvia útil 95%.

Aplicando estos parámetros al área de la unidad los recursos renovables en un año medio son de 66 Hm³/año.

Sin embargo, esta cifra no representa el total del concepto de entradas del

balance de la unidad; para ello, se debe incrementar la infiltración procedente del río Bayas a su paso por las calizas.

El sondeo se encuentra ubicado en la subunidad de Osma cuya área de afloramiento en la Comunidad Autónoma es de 24 km². La recarga, en la superficie indicada, se ha estimado en 10.3 Hm³/año, el principal punto de descarga es el constituido por los manantiales de Osma, además de otras surgencias en el entorno de menor entidad y carácter temporal.

4.- SONDEO DE EXPLOTACION OSMA-D

4.1.- Equipo de perforación y desarrollo de los trabajos

La perforación ha sido realizada por una perforadora COMPAIR HOLMAN MOD. ZAHORÍ 1206 de la empresa JOCAL S.L.

El viernes 23 de Julio de 1999 se realiza el montaje de la perforadora en el punto de sondeo así como su material auxiliar (compresores, varillajes, etc). La perforación propiamente dicha no comenzará hasta el día 26 de Julio.

El desarrollo de la perforación es el siguiente:

Día 26 de Julio de 1999

Se inicia la perforación a rotoperCUSión directa con martillo de fondo de ø220 mm, alcanzándose al finalizar la jornada los 105 metros. A los 50 m y coincidiendo con la perforación de alguna fractura rellena de arcilla se produce el primer aporte de agua al sondeo,

estimándose en torno a 1 l/s. En el metro 94 el caudal se estimó en 5 l/s, produciéndose frecuentes arrastres de material arenoso dolomítico.

Día 27 de Julio de 1999

Continúa la perforación con martillo hasta 170 m. La columna litológica es muy similar a la obtenida en el sondeo piezométrico Osmá-2, realizado a rotación con extracción continua de testigo.

Día 28 de Julio de 1999

Al empezar la jornada se extrae la maniobra ante la imposibilidad de romper la columna de agua. Se aprovecha la ocasión para cambiar el martillo de fondo por tricono de $\varnothing 220$ mm y continuar la perforación a rotación. Al finalizar el día se alcanza el metro 191.

Día 29 de Julio de 1999

Se alcanzan los 215 m, dándose por finalizada la perforación de investigación. A esa profundidad el caudal se estimó en torno a 10 l/s.



Sondeo OSMA-D: Perforando el metro 90.

Días 30 de Julio de 1999

Comienza la reperforación del sondeo con martillo de fondo y $\varnothing 310$ mm. Al finalizar el día se alcanzan los 60 m.

Día 2 de Agosto de 1999

Continua la reperforación con martillo hasta los 110 m.

Día 3 de Agosto de 1999

El sondeo llega a los 125 m, momento en el que se produce una avería en la perforadora. Debido a la turbidez del río se decide dar por finalizado el ensanche a esa profundidad y comenzar la entubación.

Día 4 de Agosto de 1999

Se realiza la entubación definitiva del sondeo en sus primeros 125 m con tubería metálica ciega y filtros de $\varnothing 250$ mm y espesor 6 mm.

Día 5 de Agosto de 1999

Se realiza la limpieza del sondeo hasta los 215 metros y la cementación del espacio anular entre la tubería y la pared del sondeo en sus primeros 20 m. Se instala como cierre del sondeo una brida soldada con tapa atornillada en el centro de la cual se suelda un tapón de $\varnothing 2$ " para permitir la medida de niveles.

En resumen, el sondeo se ha desarrollado en dos fases:

1ªFASE.- Perforación de la totalidad del sondeo con $\varnothing 310$ mm; 215 m con martillo y tricono.

2ªFASE.- Reperforación del sondeo con martillo de fondo de $\varnothing 310$ mm en sus primeros 125 m.

La perforación, en ambas fases, se desarrolla sin problemas dignos de mención. Únicamente cabe destacar los arrastres de material areno-dolomítico que se producen en algunos momentos de la perforación.

4.2.- Características técnicas del sondeo

El sondeo presenta las siguientes características constructivas :

Perforación		
Profundidad (m)	Ø (mm)	Tipo
0-170	220	Martillo de fondo
170-215	220	Tricono
0-125	310	Martillo de fondo

La entubación del sondeo se realiza el día 4 de Agosto de 1999.

Entubación			
Prof. (m)	Øint (mm)	Pared (mm)	Tipo
+0.4-71.0	250	6	Metálica ciega
71.0-95.0	250	6	Filtro Puente-cillo
95.0-113.0	250	6	Metálica ciega
113.0-119.0	250	6	Filtro Puente-cillo
119.0-125.0	250	6	Metálica ciega

Las uniones entre los diferentes largos se realizan mediante soldadura eléctrica.

No se utiliza ningún tipo de tubería auxiliar (dado que el sondeo emboquilla directamente en roca y no se detectan inestabilidades en las paredes del sondeo).

Cementación		
Prof. (m)	Volumen (m3)	Tipo
0-20	1	Mortero

La cementación se realiza instalándose un aro a los 20 m y sellando la base con material expandible (Compactonit). Posteriormente se realiza la cementación con mortero.

El cierre del sondeo se realiza instalando una brida soldada y su correspondiente tapa atornillada. A la tapa se le añade un tapón roscado de Ø2" para permitir la medida de niveles.

Por último, se realiza en superficie una

pequeña solera de hormigón de aproximadamente 1 m².

4.3.- Columna litológica - Aportes de agua.

Durante la realización del sondeo se han recogido muestras cada 2 m. La columna litológica que se describe a continuación se basa en la observación de las muestras recogidas y es prácticamente idéntica a la obtenida en 1989 durante la perforación del sondeo de control piezométrico Osma-2.

El sondeo OSMA-D emboquilla directamente sobre las calizas de Subijana, si bien perfora inicialmente unos metros de materiales algo más margocarbonatados.

La columna litológica atravesada en la perforación es la siguiente:

Prof. (m)	Litología
0-16	Margocalizas y calizas grises con pequeñas fracturas rellenas de calcita.
16-215	Calizas de Subijana: Calizas cremas localmente dolomitizadas. Tramos fracturados y/o dolomitizados a las profundidades de : 49-50, 78-81, 86-88, 93-94, 124-126, 160, y 180m.

El primer aporte de agua se produce a los 50 m, coincidiendo con una zona fracturada colmatada parcialmente de arcillas rojizas. El aporte se cifró en aproximadamente 1 l/s.

Perforando el metro 94 el caudal del sondeo se estima en 5 l/s, pudiendo corresponder bien al desarrollo de la zona correspondiente al primer aporte, o bien

a aporte real de la zona 79-90 m.

Por debajo de esta profundidad, y hasta el final del sondeo, no se constatan aportes claros. El sondeo va ganando caudal a medida que avanza la perforación finalizando, a la profundidad de 215 m, con un caudal de aproximadamente 10-12 l/s.

Al finalizar la perforación y el acondicionamiento del sondeo el nivel estático se sitúa sobre los 20 m.

Tanto durante la perforación de este sondeo, como durante la perforación del piezómetro Osma-2, se constataron la conexión de ambos con un pequeño manantial existente entre la carretera de salida de Osma hacia Espejo y el río (Fuente el Berral), con un caudal inferior

a 2 l/s.

5.- PRUEBA DE PRODUCCION

Con el fin de evaluar la capacidad de producción del sondeo se ha realizado una prueba de producción durante los días 24, 25 y 26 de Septiembre de 1.999, con el equipo móvil de la empresa Aformhidro S.A., constituido por una bomba Worthington 8M528-9 con motor Aturia de 125 CV. y tubería de impulsión de \varnothing 125 mm.

La aspiración de la bomba queda instalada a 123 m de profundidad. Las medidas de nivel se efectúan mediante sonda eléctrica convencional tomándose como referencia el final del tubo sonda, situado 41.5 cm por encima de la brida del sondeo.

Durante la prueba de bombeo no se controlará ni el piezómetro más cercano (Osma-2), ni los más lejanos Osma-1 y 3, por encontrarse todos ellos taponados y/o colmatados a escasos metros por debajo del nivel.

En los sondeos OSMA, OSMA-A y OSMA-B (situados a aproximadamente 950, 570 y 877 m del OSMA-D respectivamente) se instalan equipos de medición automática de nivel tomando la posición de éste con periodicidad diezminutaria y almacenándola para su posterior análisis.

No se controlará tampoco el sondeo OSMA-C por considerar que

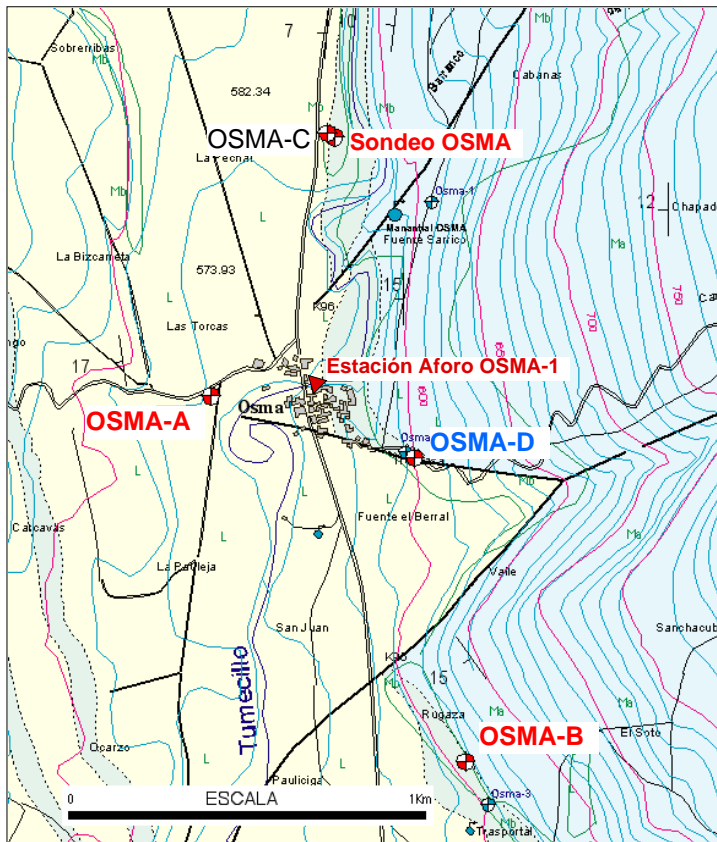


Fig. 5.1. Situación de los puntos de control en el ensayo de bombeo de OSMA-D. (En rojo puntos de control automático cada 10 minutos).

el comportamiento con el OSMA es similar.

El control del caudal en el sondeo de extracción se realiza mediante tubo de Pitot de \varnothing 200 mm. Como control de caudales, tanto del manantial Osma como del aportado desde el sondeo, se dispone también del registro limnométrico de la estación de aforo Osma-1.

El agua extraída se vierte directamente en las inmediaciones del sondeo y es conducida convenientemente hasta el río, sin hacerse necesario tendido de tubería alguno. Aforos directos con molinete inmediatamente antes de llegar el agua al río permiten verificar la ausencia de reciclaje en esta prueba.

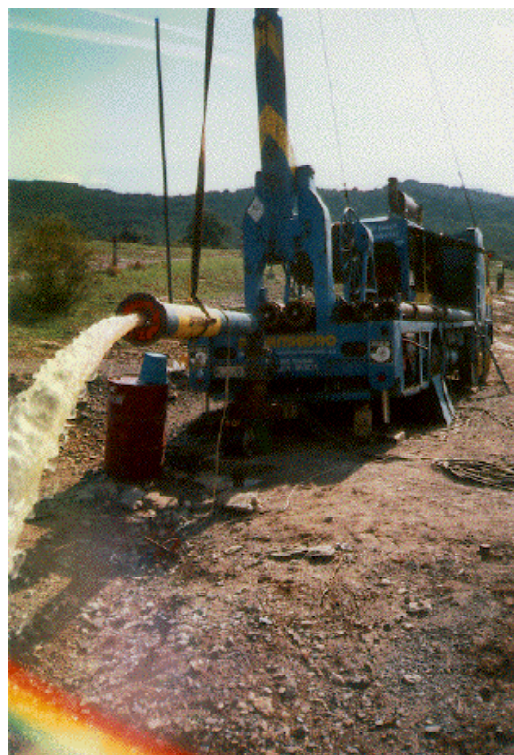
La prueba de bombeo se realiza en unas condiciones de estiaje severas, con el manantial de Osma todavía seco, por el bombeo realizado en OSMA-C, y un caudal aforado en la estación de aforo Osma-1 de 3 l/s.

El desarrollo de los trabajos es el siguiente:

Día 24/09/99. A las 18:00h, y con el nivel estático a 21.20 m, se inicia el bombeo escalonado con un primer escalón de 6 l/s. Inicialmente el agua sale con un fuerte tono rojizo del óxido de la tubería, aclarando pasados unos minutos. El escalón se mantiene durante 60 minutos, con una depresión final en el sondeo de 9.44 m, y a agua con ligera turbidez.

A las 19:00 h da comienzo el se-

gundo escalón con un caudal de bombeo de 12 l/s. Después de 60 minutos de bombeo y todavía con agua turbia se finaliza el escalón con una depresión adicional en el sondeo de 16.17 m.



Bombeando 20 l/s en el sondeo OSMA-D.

A las 20:00h se aumenta el caudal de bombeo hasta 18 l/s. A lo largo de este escalón el agua enturbia más, y después de 60 minutos de bombeo finaliza el escalón con una depresión adicional de 23.92 m (49.53 m de depresión total).

A las 21:00h finaliza el bombeo escalonado y comienza el control del nivel en recuperación, manteniéndose también por espacio de 60 minutos.

A las 22:00h, y con una depresión residual no estabilizada de 1.80 m, da comienzo el bombeo prolongado a caudal constante fijándose éste en 15

l/s.

Al finalizar la jornada permanece el bombeo a 15 l/s, con agua bastante limpia.

Día 25/09/99. Sobre las 3:00h se produce un aumento de la turbidez del agua extraída que va aclarando progresivamente.

A las 9:00h se produce un nuevo aumento importante de la turbidez comenzándose a recuperar el nivel dinámico.

A las 15:00h se vuelve a producir un nuevo episodio de enturbiamiento seguido de ligera recuperación del nivel.

A las 19:15h se aumenta el caudal de bombeo hasta los 20 l/s, produciéndose de nuevo un aumento de turbidez importante.

La jornada finaliza extrayendo agua con carga arcillosa importante.

Día 26/09/99. A las 4:00h, y tras descender el nivel dinámico por debajo de los 90 m, se produce la entrada de aire a la bomba. Se reduce el caudal hasta que deja de coger aire, sobre los 18 l/s.

A las 8:00h se reduce el caudal a 16 l/s, finalizándose el bombeo a las 14:00h con el nivel recuperándose y el agua turbia.

A las 14:00h comienza la recuperación, que se prolongará por espacio de 135 minutos.



Bombeo Prolongado a 20 l/s en OSMA-D

En la figura 5.2 se presenta de forma gráfica la evolución del ensayo. Como Anexo-1 se adjuntan los partes de bombeo correspondientes.

En resumen, la prueba realizada ha presentado una duración de algo más de 49h de bombeo y casi 6h de recuperación, con las siguientes características de detalle:

Prueba	t (min)	Q (l/s)	Depresión (m)
Escalón Nº1	60	6	9,44
Escalón Nº2	60	12	25,61
Escalón Nº3	60	18	49,53
Recuperación	60	--	1.80-R
Bombeo	2400	15-20	45,84
Recuperación	135	--	5.00-R

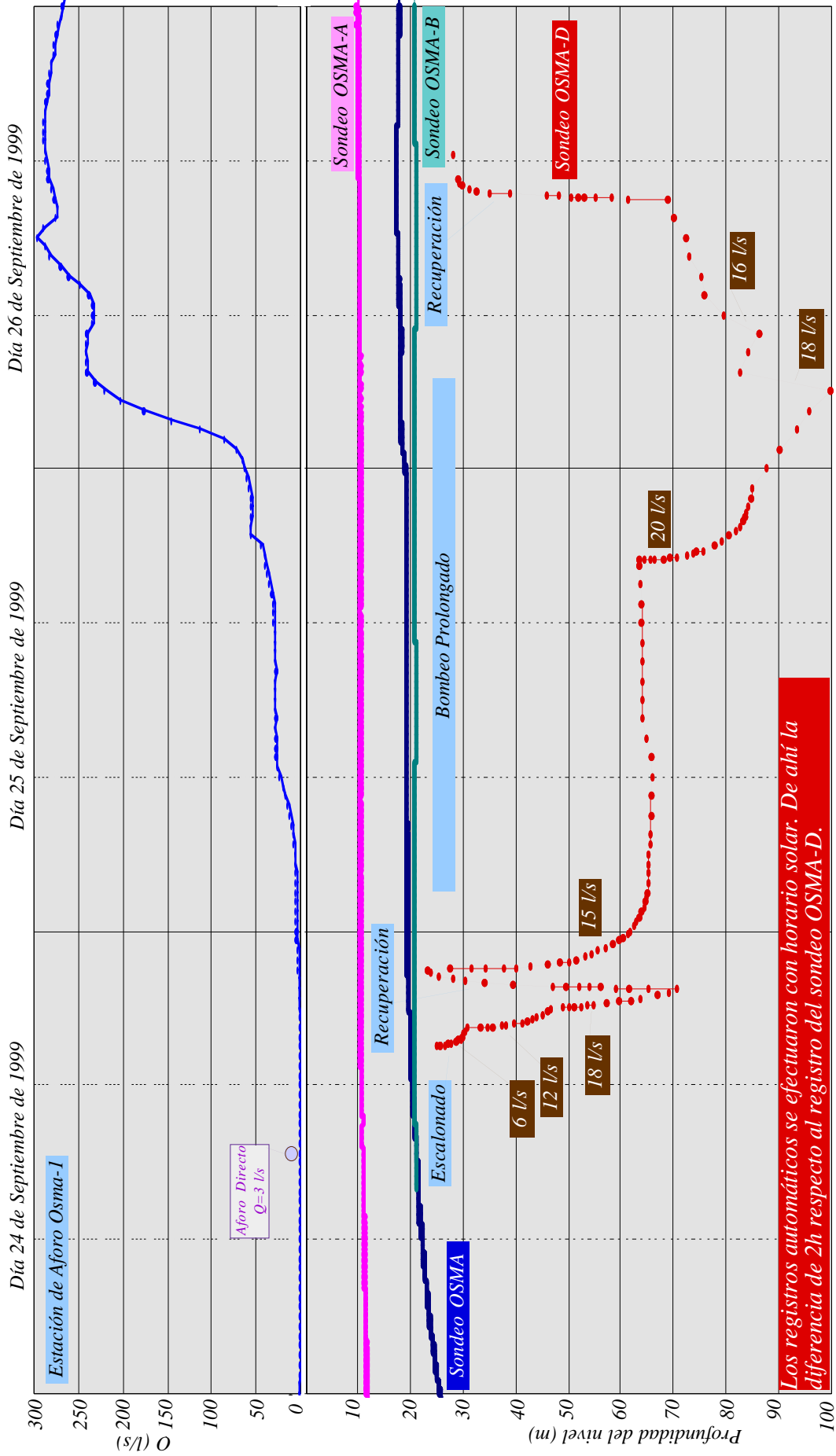
5.1.- Análisis de la prueba de producción

A continuación se analizan los datos aportados por la prueba de producción, basados tanto en las variaciones del nivel dinámico en el propio sondeo de extracción, como en los puntos de control próximos, sondeos y estación de aforo.

En la figura 5.1.1. se presenta la evolución del nivel en el bombeo escalonado.

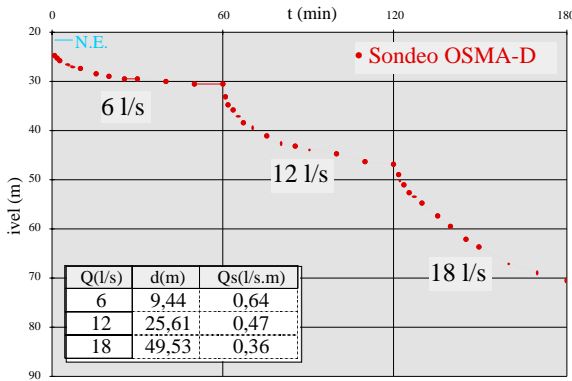
Evolución del Ensayo de Bombeo en el Sondeo OSMA-D

Fig. 5.2



Se observa una disminución del caudal específico del sondeo conforme aumentan los caudales de bombeo, pasando de un rendimiento de 0.6 l/s.m (al comienzo del bombeo) a 0.36 l/s.m (para un Q de bombeo de 18 l/s), es decir se queda en la mitad del inicial.

Fig. 5.1.1.- Bombeo Escalonado sondeo OSMA-D



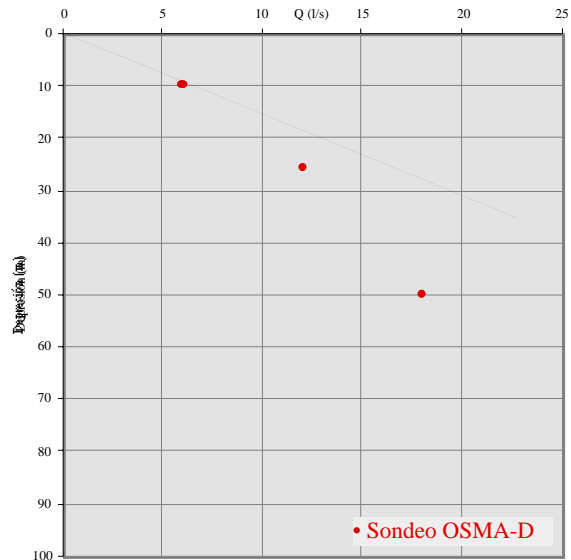
La curva de pozo obtenida (Fig. 5.1.2.) refleja una entrada en juego de pérdidas de carga exponenciales al caudal de bombeo para caudales relativamente bajos (6-8 l/s). Aún así, el sistema es capaz de absorber las pérdidas de carga introducidas en el sondeo para caudales de hasta prácticamente el doble de su caudal en el punto crítico (~15-16 l/s).

Dado el acabado del sondeo no parece posible la existencia de pérdidas de carga tan importantes ligadas a la propia construcción del sondeo, lo que hace pensar en la propia formación carbonatada como inductora de las pérdidas de carga

En la figura 5.1.3. se presenta la evolución del bombeo prolongado que se realiza en el sondeo. Se inicia con un caudal del 15 l/s que posteriormente es subido ligeramente hasta 20 l/s. Con posterioridad se bajará ligeramente por la

entrada de aire a la bomba. Se amplía la escala de los sondeos más lejanos para observar con más nitidez la evolución de los descensos.

Fig. 5.1.2.- Curva de Pozo sondeo OSMA-D



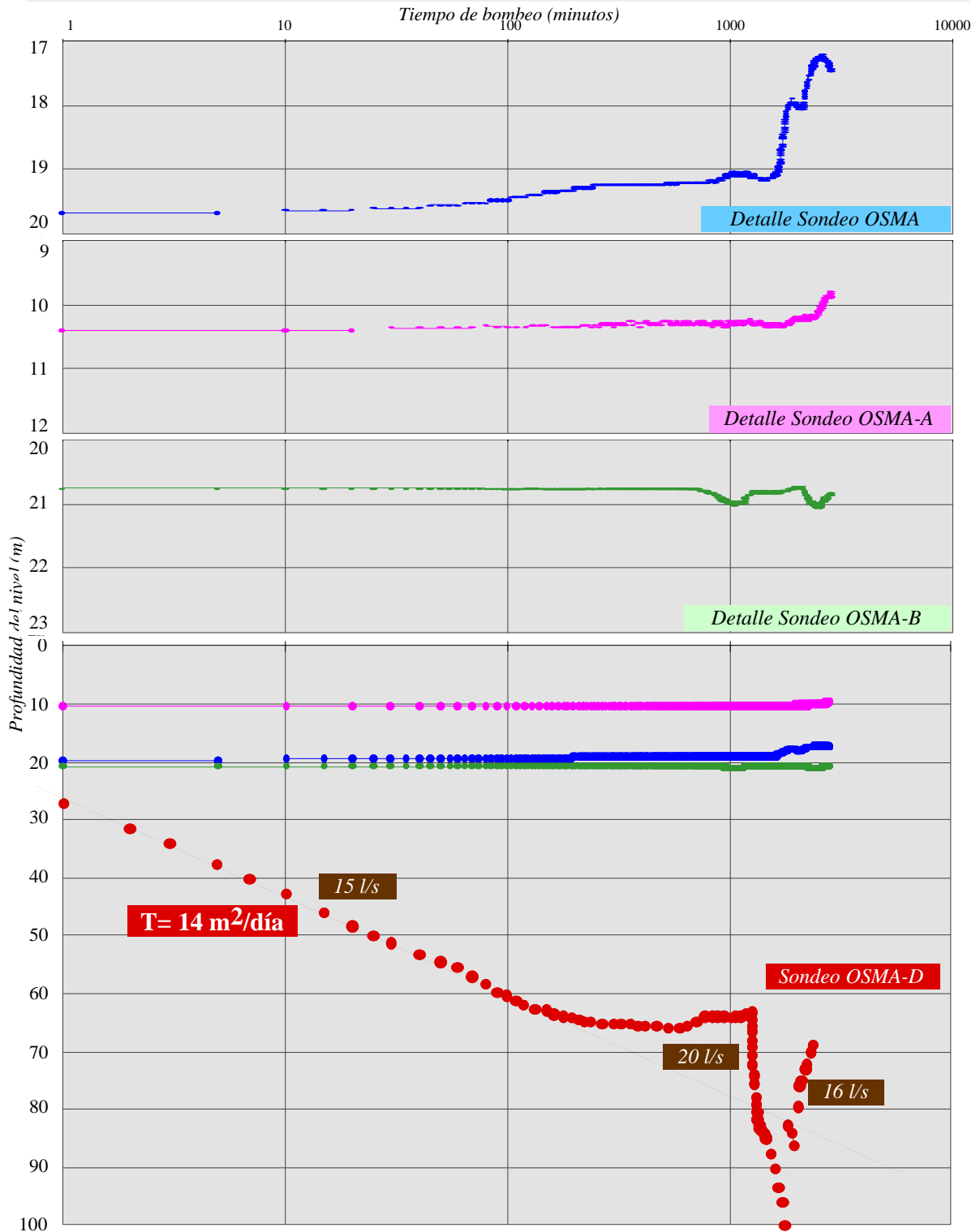
Como se observa en el gráfico la crecida que se produce en el acuífero por efecto de las lluvias de los días 24 y 25 hacen que no se aprecie depresión alguna en los puntos de observación lejanos. Incluso en el propio sondeo de extracción la evolución de los niveles está influenciada por la crecida, provocando probablemente la estabilización del nivel y posterior recuperación en las horas anteriores a subir el caudal a 20 l/s.

Como se puede observar, la amplitud de la crecida es mucho mayor en el sondeo OSMA (y con toda seguridad en el OSMA-C) que en el sondeo OSMA-A, lo que refleja una vez más el diferente comportamiento hidrogeológico del entorno entre ambos sondeos.

Los descensos que se observan en el

Construcción del Sondeo de Explotación OSMA-D

Fig. 5.1.3.- Primer bombeo Prolongado en el sondeo OSMA-D



sondeo OSMA-B (aumentados y representados en escala normal en la figura 5.1.4.) se interpretan como originados por las extracciones que se deben producir desde el sondeo Fresne-

da para abastecimiento a dicho núcleo urbano.

La transmisividad calculada por el método de Jacob sobre los descensos regis-

Construcción del Sondeo de Explotación OSMA-D

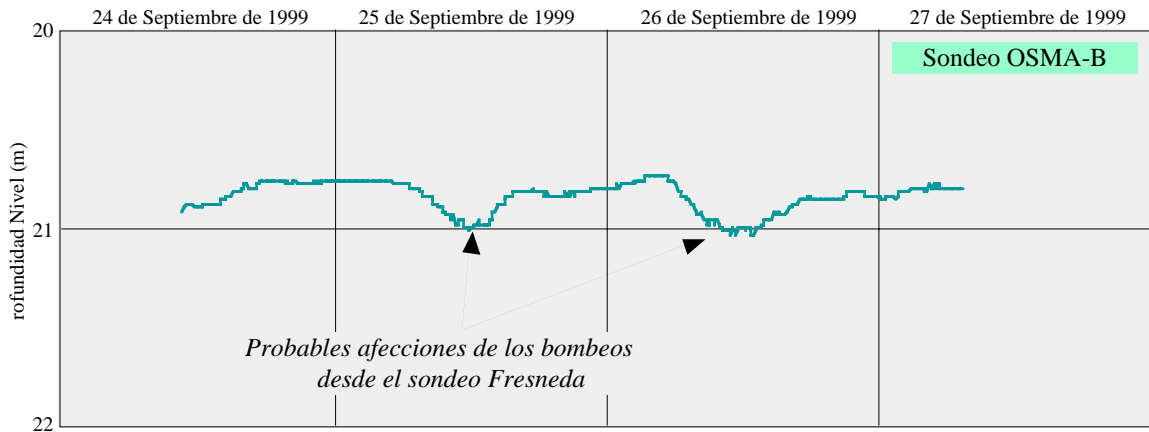


Fig. 5.1.4.- Registro piezométrico obtenido en el sondeo OSMA- B con periodicidad de 5 minutos.

trados en el primer tramo del bombeo prolongado a 15 l/s arroja valores en torno a 14 m²/día. Este valor podría ser el más representativo del entorno del sondeo admitiendo que no se encuentra todavía influenciado por la crecida, que se pone claramente de manifiesto los días posteriores.

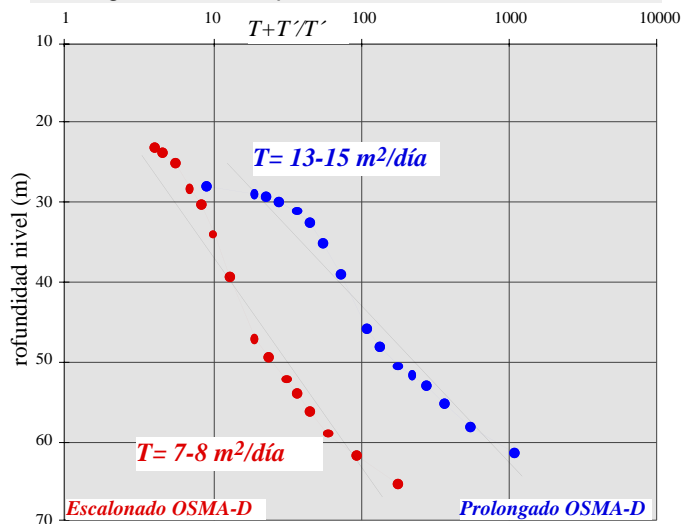
En la Fig. 5.1.5 se presentan las recuperaciones de los bombeos escalonado y prolongado respectivamente. Los valores de transmisividad calculados (8-15 m²/día) no difieren mucho del valor obtenido en bombeo, si bien ambas recuperaciones parecen reflejar un cierto efecto de recarga , más manifiesto en la

recuperación del bombeo prolongado, como efecto de las lluvias que se producen en la zona.

El ensayo no permite realizar cálculos directos sobre el coeficiente de almacenamiento (S), al no disponer de afecciones reales en los puntos de observación.

Los valores de S extraídos, aunque con ciertas reservas, del ensayo de bombeo en el sondeo OSMA-C resultan muy bajos (10⁻⁴-10⁻⁵), propios de acuíferos confinados.

Fig. 5.1.5.- Recuperaciones sondeo OSMA-D



6.- RESUMEN Y CONCLUSIONES

En el marco del Convenio "Programas de Actuación en Aguas Subterráneas", suscrito entre el Departamento de Obras Públicas y Transportes del Gobierno Vasco y el Ente Vasco de la Energía, se ha realizado el sondeo de explotación hidrogeológica denominado OSMA-D.

La profundidad final del sondeo es de 215 m, habiéndose entubado únicamente los 125 primeros metros con tubería metálica de diámetro interior 250 mm y cementado el espacio anular entre tubería y perforación en sus primeros 20 m. La cabeza de pozo se encuentra cerrada mediante una brida soldada y su correspondiente tapa atornillada.

La perforación se desarrolla íntegramente dentro de las calizas de Subijana, atravesando inicialmente 16 m de materiales algo más margosos.

El caudal específico del sondeo en las condiciones hidrológicas ensayadas se sitúa en torno a 0.3-0.6 l/s.m.

El caudal en el punto crítico de la curva de pozo se sitúa sobre los 6-8 l/s, si bien el sistema es capaz de absorber con comodidad extracciones de hasta 15 l/s.

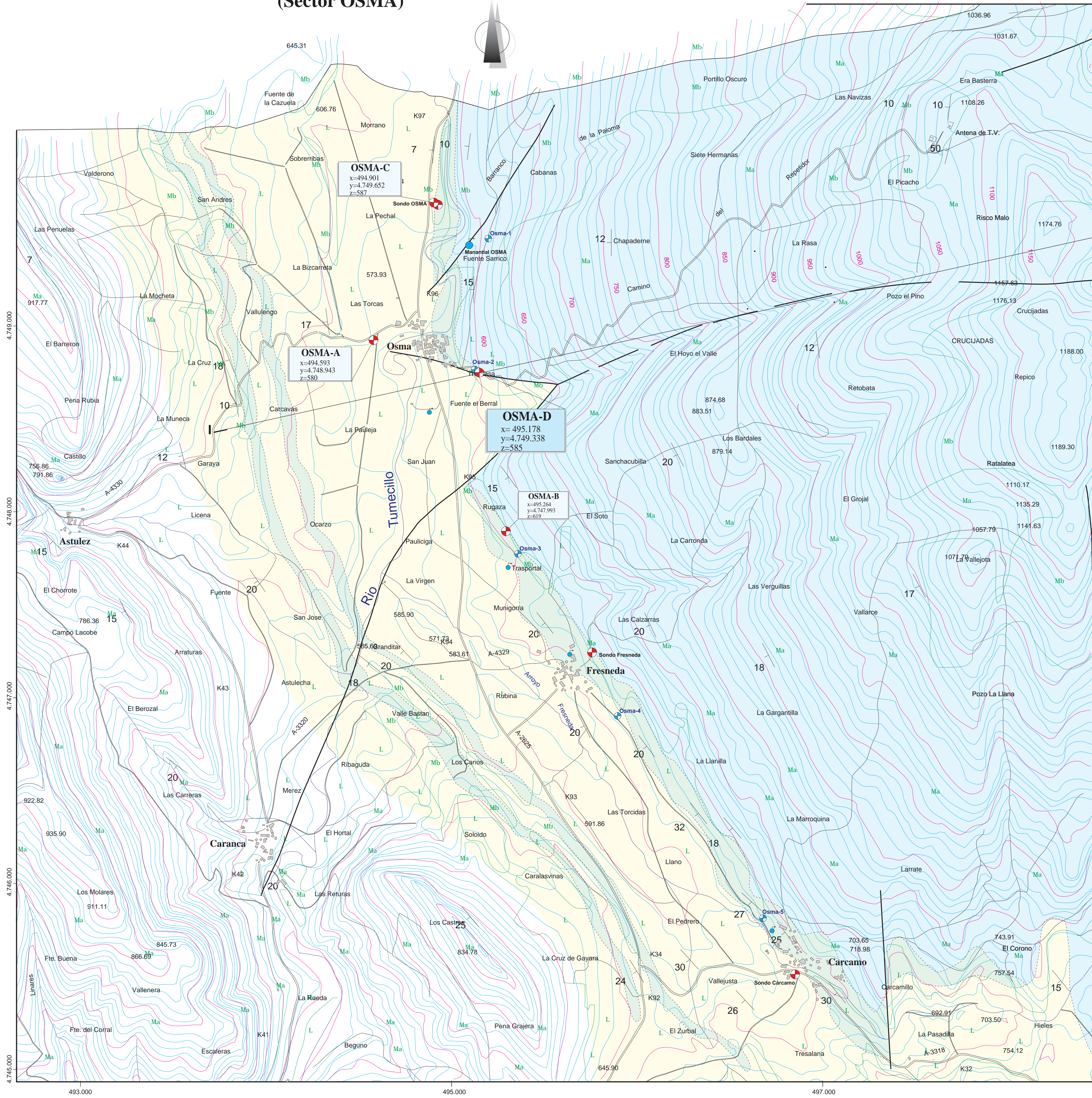
La transmisividad (T) estimada en la prueba de producción se sitúa en torno a 14 m²/día.

El caudal de explotación del sondeo podría verse incrementado tras some-

ter al sondeo a un proceso de desarrollo mediante acidificación. No obstante la proximidad del sondeo al manantial de Osma y la conexión hidráulica directa existente entre este sondeo y la fuente "el Berral", desaconsejan su realización.

Bilbao, Diciembre de 1999

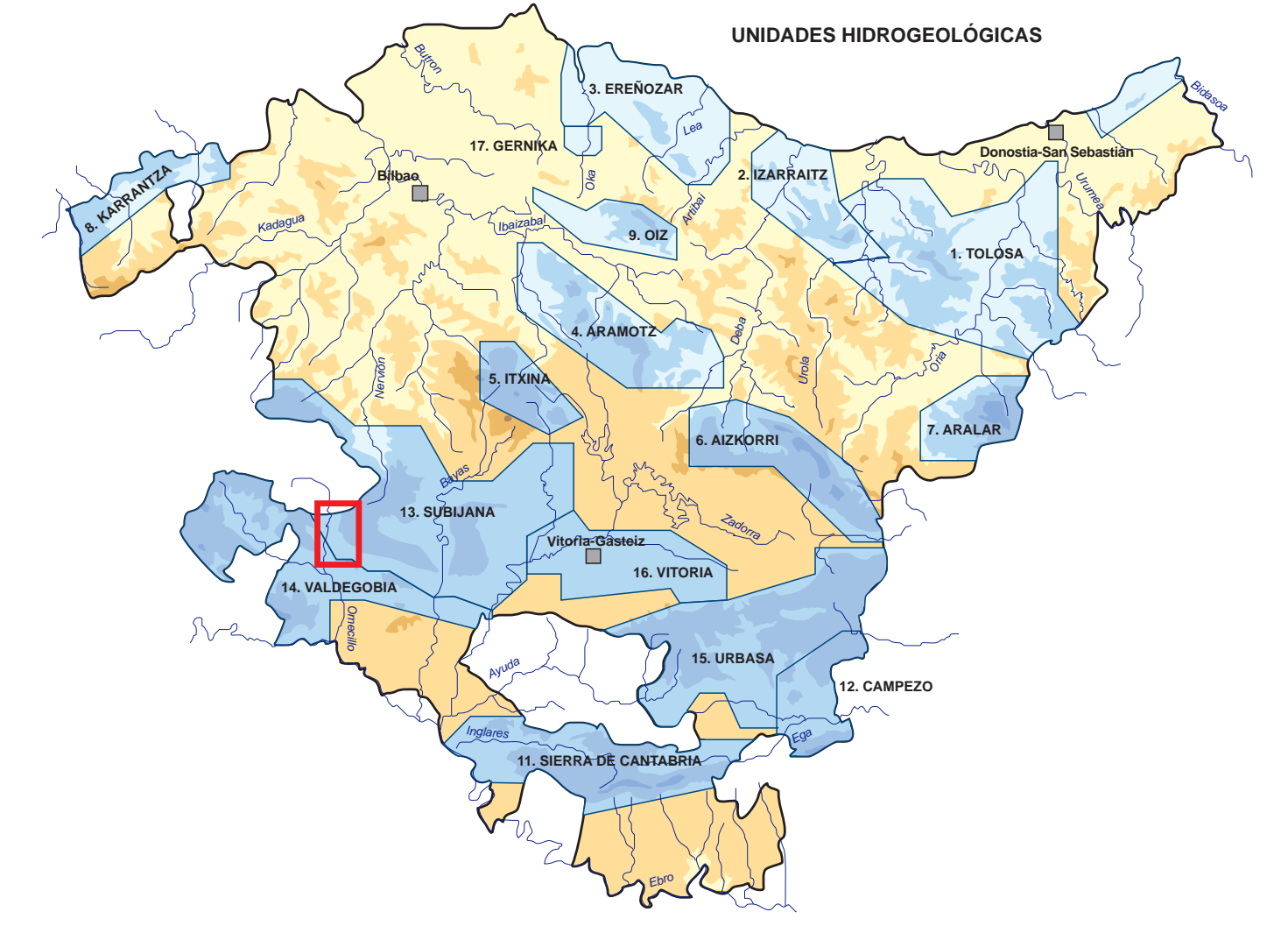
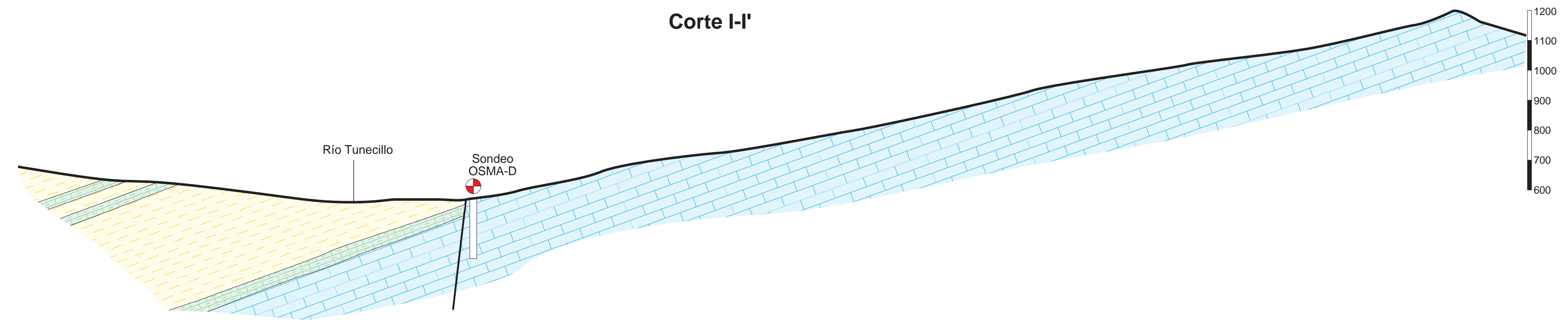
UNIDAD HIDROGEOLÓGICA SUBIJANA (Sector OSMA)



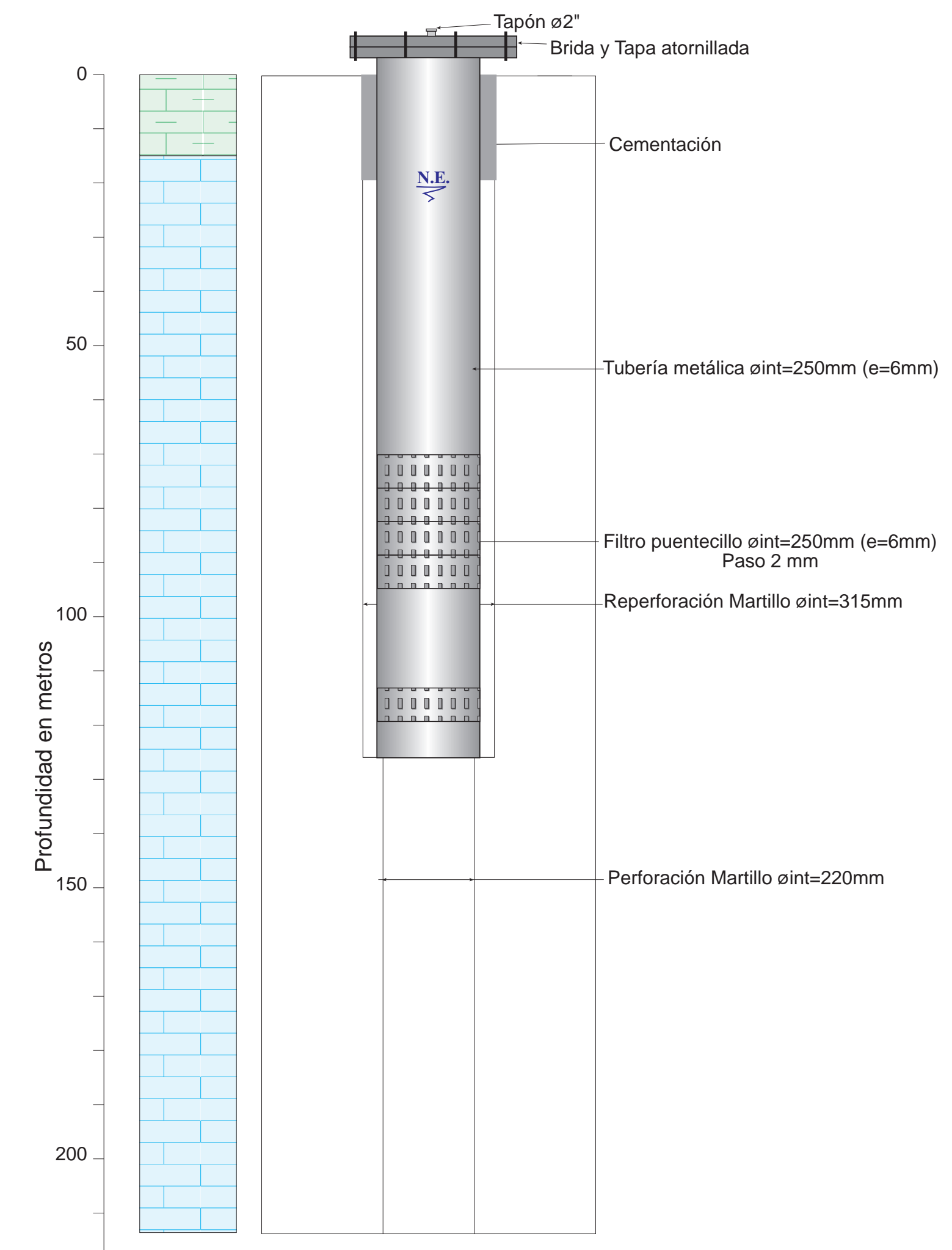
- LEYENDA**
- Margas de Osmá (Santiense Inf.)
 - Margocalizas (Santiense Inf.)
 - Calizas de Subijana (Conciense)
 - Contacto normal o concordante
 - Contacto discordante
 - Falla o fractura
 - Dirección y valor del buzamiento
 - Sondeo de Explotación
 - Sondeo de Control piezométrico
 - Surgencia con Quedo=10 l/s
 - Surgencia con Quedo=10 l/s



Corte I-I'



SONDEO OSMA-D



CONSTRUCCIÓN DEL SONDEO DE EXPLOTACIÓN OSMA-D

Diciembre 1999



ANEXO A.1

Partes de bombeo prueba de producción en el sondeo OSMA-D

Bombeo Escalonado				Septiembre 1.999			Bomba a 123m.			
Sondeo OSMA-D				21.2	Estáticos		Referencia a brida: 41,5cm.			
<i>Comienzo</i>				<i>Pozo</i>		<i>Viejo</i>				
<i>24/9/1999</i>	<i>18:00</i>	<i>T parcial</i>	<i>T total</i>	<i>Prof(m)</i>	<i>Dep(m)</i>	<i>Q(l/s)</i>	<i>Prof(m)</i>	<i>Dep(m)</i>	<i>T+T'/T'</i>	<i>Observaciones</i>
24/9/1999	18:01	1	1	24.93	3.73	6.00				
24/9/1999	18:02	2	2	25.36	4.16					Oxido
24/9/1999	18:03	3	3	25.80	4.60					
24/9/1999	18:05	5	5	26.47	5.27					
24/9/1999	18:07	7	7	27.04	5.84					Aclarando
24/9/1999	18:10	10	10	27.67	6.47					
24/9/1999	18:15	15	15	28.47	7.27					
24/9/1999	18:20	20	20	29.01	7.81					
24/9/1999	18:25	25	25	29.40	8.20					
24/9/1999	18:30	30	30	29.63	8.43					
24/9/1999	18:40	40	40	30.05	8.85					
24/9/1999	18:50	50	50	30.38	9.18					Con tono suave
24/9/1999	19:00	60	60	30.64	9.44					
24/9/1999	19:01	1	61	33.18	11.98					
24/9/1999	19:02	2	62	34.65	13.45					C=463µS Tª=15°C
24/9/1999	19:03	3	63	35.66	14.46					Aumenta ligeramente turbide
24/9/1999	19:05	5	65	37.16	15.96					
24/9/1999	19:07	7	67	38.30	17.10					
24/9/1999	19:10	10	70	39.56	18.36					
24/9/1999	19:15	15	75	41.18	19.98					
24/9/1999	19:20	20	80	42.33	21.13					
24/9/1999	19:25	25	85	43.13	21.93					
24/9/1999	19:30	30	90	43.90	22.70					
24/9/1999	19:40	40	100	45.00	23.80					
24/9/1999	19:50	50	110	46.00	24.80					
24/9/1999	20:00	60	120	46.81	25.61					
24/9/1999	20:01	1	121	48.95	27.75					
24/9/1999	20:02	2	122	50.20	29.00					
24/9/1999	20:03	3	123	51.23	30.03					
24/9/1999	20:05	5	125	52.46	31.26					
24/9/1999	20:07	7	127	53.51	32.31					
24/9/1999	20:10	10	130	54.61	33.41					
24/9/1999	20:15	15	135	57.35	36.15					
24/9/1999	20:20	20	140	59.62	38.42					
24/9/1999	20:25	25	145	61.92	40.72					
24/9/1999	20:30	30	150	63.70	42.50					
24/9/1999	20:40	40	160	67.02	45.82					
24/9/1999	20:50	50	170	69.06	47.86					
24/9/1999	21:00	60	180	70.73	49.53					
24/9/1999	21:01	1	181	65.25	44.05				181.00	
24/9/1999	21:02	2	182	61.64	40.44				91.00	
24/9/1999	21:03	3	183	58.99	37.79				61.00	
24/9/1999	21:04	4	184	56.08	34.88				46.00	
24/9/1999	21:05	5	185	54.07	32.87				37.00	
24/9/1999	21:06	6	186	52.23	31.03				31.00	
24/9/1999	21:08	8	188	49.57	28.37				23.50	
24/9/1999	21:10	10	190	47.03	25.83				19.00	
24/9/1999	21:15	15	195	39.39	18.19				13.00	
24/9/1999	21:20	20	200	34.00	12.80				10.00	
24/9/1999	21:25	25	205	30.35	9.15				8.20	
24/9/1999	21:30	30	210	28.14	6.94				7.00	
24/9/1999	21:40	40	220	25.13	3.93				5.50	
24/9/1999	21:50	50	230	23.76	2.56				4.60	
24/9/1999	22:00	60	240	23.00	1.80				4.00	

Bombeo Prolongado				Septiembre 1.999			Bomba a 123m.			
Sondeo OSMA-D				23	Estáticos	Referencia a brida: 41,5cm.				
<i>Comienzo</i>				<i>Pozo</i>						
<i>24/9/1999</i>	<i>22:00</i>	<i>T parcial</i>	<i>T total</i>	<i>Prof(m)</i>	<i>Dep(m)</i>	<i>Q(l/s)</i>	<i>Prof(m)</i>	<i>Dep(m)</i>	<i>T+T'/T'</i>	<i>Observaciones</i>
24/9/1999	22:01	1	1	27.42	4.42	15.00				
24/9/1999	22:02	2	2	31.62	8.62					
24/9/1999	22:03	3	3	34.24	11.24					
24/9/1999	22:05	5	5	37.77	14.77					
24/9/1999	22:07	7	7	40.13	17.13					
24/9/1999	22:10	10	10	42.80	19.80					
24/9/1999	22:15	15	15	46.00	23.00					
24/9/1999	22:20	20	20	48.38	25.38					
24/9/1999	22:25	25	25	50.15	27.15					
24/9/1999	22:30	30	30	51.41	28.41					
24/9/1999	22:40	40	40	53.32	30.32					
24/9/1999	22:50	50	50	54.55	31.55					
24/9/1999	23:00	60	60	55.61	32.61					
24/9/1999	23:10	70	70	57.10	34.10					
24/9/1999	23:20	80	80	58.48	35.48					
24/9/1999	23:30	90	90	59.66	36.66					
24/9/1999	23:40	100	100	60.46	37.46					
24/9/1999	23:50	110	110	61.32	38.32					
25/9/1999	00:00	120	120	61.87	38.87					
25/9/1999	00:15	135	135	62.57	39.57					
25/9/1999	00:30	150	150	63.06	40.06					Casi limpia
25/9/1999	00:45	165	165	63.56	40.56					
25/9/1999	01:00	180	180	63.92	40.92					
25/9/1999	01:15	195	195	64.29	41.29					
25/9/1999	01:30	210	210	64.53	41.53					
25/9/1999	01:45	225	225	64.85	41.85					
25/9/1999	02:00	240	240	65.06	42.06					
25/9/1999	02:30	270	270	65.35	42.35					
25/9/1999	03:00	300	300	65.38	42.38					Enturbia
25/9/1999	03:30	330	330	65.39	42.39					Va aclarando
25/9/1999	04:00	360	360	65.41	42.41					
25/9/1999	04:30	390	390	65.45	42.45					
25/9/1999	05:00	420	420	65.52	42.52					
25/9/1999	06:00	480	480	65.70	42.70					
25/9/1999	07:00	540	540	65.84	42.84					
25/9/1999	08:00	600	600	66.01	43.01					
25/9/1999	09:00	660	660	65.71	42.71					Enturbia
25/9/1999	10:00	720	720	64.85	41.85					Va aclarando
25/9/1999	11:00	780	780	64.04	41.04					C=645
25/9/1999	12:00	840	840	64.06	41.06					
25/9/1999	13:00	900	900	64.08	41.08					
25/9/1999	14:00	960	960	64.12	41.12					
25/9/1999	15:00	1020	1020	64.15	41.15					Enturbia
25/9/1999	16:00	1080	1080	63.80	40.80					Va aclarando
25/9/1999	17:00	1140	1140	63.81	40.81					C=465
25/9/1999	18:00	1200	1200	63.70	40.70					
25/9/1999	19:00	1260	1260	63.49	40.49					
25/9/1999	19:15	1275	1275	63.42	40.42	20.00				
25/9/1999	19:16	1276	1276	64.48	41.48					Muy turbia
25/9/1999	19:17	1277	1277	65.66	42.66					
25/9/1999	19:18	1278	1278	66.58	43.58					
25/9/1999	19:20	1280	1280	68.13	45.13					
25/9/1999	19:22	1282	1282	69.28	46.28					
25/9/1999	19:25	1285	1285	70.66	47.66					
25/9/1999	19:30	1290	1290	72.55	49.55					
25/9/1999	19:35	1295	1295	73.90	50.90					
25/9/1999	19:40	1300	1300	74.28	51.28					Ha aclarado muy poco
25/9/1999	19:45	1305	1305	75.77	52.77					C=448
25/9/1999	20:00	1320	1320	77.84	54.84					
25/9/1999	20:15	1335	1335	79.21	56.21					
25/9/1999	20:30	1350	1350	80.62	57.62					
25/9/1999	20:45	1365	1365	81.93	58.93					
25/9/1999	21:00	1380	1380	82.79	59.79					
25/9/1999	21:15	1395	1395	83.33	60.33					

Bombeo Prolongado				Septiembre 1.999			Bomba a 123m.			
Sondeo OSMA-D				23	Estáticos	Referencia a brida: 41,5cm.				
<i>Comienzo</i>				<i>Pozo</i>						
<i>24/9/1999</i>	<i>22:00</i>	<i>T parcial</i>	<i>T total</i>	<i>Prof(m)</i>	<i>Dep(m)</i>	<i>Q(l/s)</i>	<i>Prof(m)</i>	<i>Dep(m)</i>	<i>T+T'/T'</i>	<i>Observaciones</i>
25/9/1999	21:30	1410	1410	83.75	60.75					
25/9/1999	21:45	1425	1425	83.92	60.92					
25/9/1999	22:00	1440	1440	84.13	61.13					
25/9/1999	22:30	1470	1470	85.00	62.00					
25/9/1999	23:00	1500	1500	85.20	62.20					
26/9/1999	00:00	1560	1560	87.81	64.81					
26/9/1999	01:00	1620	1620	90.40	67.40					
26/9/1999	02:00	1680	1680	93.66	70.66					
26/9/1999	03:00	1740	1740	96.10	73.10					
26/9/1999	04:00	1800	1800	100.00	77.00					La bomba coge aire a partir de 85
26/9/1999	05:00	1860	1860	82.85	59.85	18.00				
26/9/1999	06:00	1920	1920	84.15	61.15					
26/9/1999	07:00	1980	1980	86.28	63.28					
26/9/1999	08:00	2040	2040	79.64	56.64	16.00				Agua con bastante tono
26/9/1999	09:00	2100	2100	76.02	53.02					
26/9/1999	10:00	2160	2160	75.15	52.15					
26/9/1999	11:00	2220	2220	73.01	50.01					
26/9/1999	12:00	2280	2280	72.30	49.30					Ha enturbiado algo
26/9/1999	13:00	2340	2340	70.09	47.09					Aclarando
26/9/1999	14:00	2400	2400	68.84	45.84					Muestra
26/9/1999	14:01	1	2401	61.23	38.23	Recuperación			1081.00	
26/9/1999	14:02	2	2402	58.29	35.29				541.00	
26/9/1999	14:03	3	2403	55.27	32.27				361.00	
26/9/1999	14:04	4	2404	53.04	30.04				271.00	
26/9/1999	14:05	5	2405	51.80	28.80				217.00	
26/9/1999	14:06	6	2406	50.45	27.45				181.00	
26/9/1999	14:08	8	2408	48.05	25.05				136.00	
26/9/1999	14:10	10	2410	45.71	22.71				109.00	
26/9/1999	14:15	15	2415	38.95	15.95				73.00	
26/9/1999	14:20	20	2420	34.97	11.97				55.00	
26/9/1999	14:25	25	2425	32.53	9.53				44.20	
26/9/1999	14:30	30	2430	31.16	8.16				37.00	
26/9/1999	14:40	40	2440	29.76	6.76				28.00	
26/9/1999	14:50	50	2450	29.16	6.16				22.60	
26/9/1999	15:00	60	2460	28.94	5.94				19.00	
26/9/1999	16:15	135	2535	28.00	5.00				9.00	

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/17/99 10:55 19.00	9/17/99 15:35 19.00	9/17/99 20:15 19.12	9/18/99 0:55 19.20
9/17/99 11:00 19.00	9/17/99 15:40 19.00	9/17/99 20:20 19.12	9/18/99 1:00 19.20
9/17/99 11:05 18.96	9/17/99 15:45 19.00	9/17/99 20:25 19.08	9/18/99 1:05 19.20
9/17/99 11:10 18.96	9/17/99 15:50 19.00	9/17/99 20:30 19.08	9/18/99 1:10 19.20
9/17/99 11:15 18.96	9/17/99 15:55 19.00	9/17/99 20:35 19.08	9/18/99 1:15 19.20
9/17/99 11:20 18.96	9/17/99 16:00 19.04	9/17/99 20:40 19.08	9/18/99 1:20 19.20
9/17/99 11:25 18.96	9/17/99 16:05 19.00	9/17/99 20:45 19.08	9/18/99 1:25 19.20
9/17/99 11:30 18.96	9/17/99 16:10 19.00	9/17/99 20:50 19.08	9/18/99 1:30 19.20
9/17/99 11:35 18.96	9/17/99 16:15 19.00	9/17/99 20:55 19.08	9/18/99 1:35 19.20
9/17/99 11:40 19.00	9/17/99 16:20 19.00	9/17/99 21:00 19.08	9/18/99 1:40 19.20
9/17/99 11:45 19.00	9/17/99 16:25 19.00	9/17/99 21:05 19.08	9/18/99 1:45 19.20
9/17/99 11:50 19.00	9/17/99 16:30 19.00	9/17/99 21:10 19.12	9/18/99 1:50 19.20
9/17/99 11:55 19.00	9/17/99 16:35 19.00	9/17/99 21:15 19.12	9/18/99 1:55 19.20
9/17/99 12:00 19.00	9/17/99 16:40 19.00	9/17/99 21:20 19.12	9/18/99 2:00 19.20
9/17/99 12:05 19.00	9/17/99 16:45 19.00	9/17/99 21:25 19.12	9/18/99 2:05 19.20
9/17/99 12:10 19.00	9/17/99 16:50 19.00	9/17/99 21:30 19.12	9/18/99 2:10 19.16
9/17/99 12:15 19.00	9/17/99 16:55 19.00	9/17/99 21:35 19.12	9/18/99 2:15 19.20
9/17/99 12:20 19.00	9/17/99 17:00 19.00	9/17/99 21:40 19.12	9/18/99 2:20 19.16
9/17/99 12:25 19.00	9/17/99 17:05 19.00	9/17/99 21:45 19.12	9/18/99 2:25 19.16
9/17/99 12:30 19.00	9/17/99 17:10 19.00	9/17/99 21:50 19.12	9/18/99 2:30 19.16
9/17/99 12:35 18.96	9/17/99 17:15 19.00	9/17/99 21:55 19.12	9/18/99 2:35 19.16
9/17/99 12:40 19.00	9/17/99 17:20 19.00	9/17/99 22:00 19.12	9/18/99 2:40 19.16
9/17/99 12:45 18.96	9/17/99 17:25 19.00	9/17/99 22:05 19.12	9/18/99 2:45 19.16
9/17/99 12:50 18.96	9/17/99 17:30 19.00	9/17/99 22:10 19.12	9/18/99 2:50 19.16
9/17/99 12:55 18.96	9/17/99 17:35 19.00	9/17/99 22:15 19.12	9/18/99 2:55 19.16
9/17/99 13:00 19.00	9/17/99 17:40 19.04	9/17/99 22:20 19.16	9/18/99 3:00 19.16
9/17/99 13:05 19.00	9/17/99 17:45 19.04	9/17/99 22:25 19.16	9/18/99 3:05 19.16
9/17/99 13:10 18.96	9/17/99 17:50 19.04	9/17/99 22:30 19.16	9/18/99 3:10 19.16
9/17/99 13:15 19.00	9/17/99 17:55 19.04	9/17/99 22:35 19.16	9/18/99 3:15 19.16
9/17/99 13:20 19.00	9/17/99 18:00 19.04	9/17/99 22:40 19.16	9/18/99 3:20 19.16
9/17/99 13:25 19.00	9/17/99 18:05 19.04	9/17/99 22:45 19.16	9/18/99 3:25 19.16
9/17/99 13:30 19.00	9/17/99 18:10 19.04	9/17/99 22:50 19.16	9/18/99 3:30 19.16
9/17/99 13:35 19.00	9/17/99 18:15 19.04	9/17/99 22:55 19.16	9/18/99 3:35 19.16
9/17/99 13:40 19.00	9/17/99 18:20 19.04	9/17/99 23:00 19.16	9/18/99 3:40 19.16
9/17/99 13:45 19.00	9/17/99 18:25 19.08	9/17/99 23:05 19.16	9/18/99 3:45 19.16
9/17/99 13:50 19.00	9/17/99 18:30 19.04	9/17/99 23:10 19.16	9/18/99 3:50 19.16
9/17/99 13:55 19.00	9/17/99 18:35 19.04	9/17/99 23:15 19.16	9/18/99 3:55 19.16
9/17/99 14:00 18.96	9/17/99 18:40 19.04	9/17/99 23:20 19.16	9/18/99 4:00 19.16
9/17/99 14:05 19.00	9/17/99 18:45 19.04	9/17/99 23:25 19.16	9/18/99 4:05 19.16
9/17/99 14:10 19.00	9/17/99 18:50 19.04	9/17/99 23:30 19.16	9/18/99 4:10 19.16
9/17/99 14:15 19.00	9/17/99 18:55 19.04	9/17/99 23:35 19.16	9/18/99 4:15 19.16
9/17/99 14:20 19.00	9/17/99 19:00 19.04	9/17/99 23:40 19.16	9/18/99 4:20 19.16
9/17/99 14:25 19.00	9/17/99 19:05 19.08	9/17/99 23:45 19.16	9/18/99 4:25 19.16
9/17/99 14:30 19.00	9/17/99 19:10 19.08	9/17/99 23:50 19.16	9/18/99 4:30 19.16
9/17/99 14:35 19.00	9/17/99 19:15 19.08	9/17/99 23:55 19.16	9/18/99 4:35 19.16
9/17/99 14:40 19.00	9/17/99 19:20 19.08	9/18/99 0:00 19.16	9/18/99 4:40 19.16
9/17/99 14:45 19.04	9/17/99 19:25 19.08	9/18/99 0:05 19.16	9/18/99 4:45 19.16
9/17/99 14:50 19.04	9/17/99 19:30 19.08	9/18/99 0:10 19.16	9/18/99 4:50 19.16
9/17/99 14:55 19.04	9/17/99 19:35 19.08	9/18/99 0:15 19.16	9/18/99 4:55 19.16
9/17/99 15:00 19.04	9/17/99 19:40 19.08	9/18/99 0:20 19.16	9/18/99 5:00 19.16
9/17/99 15:05 19.04	9/17/99 19:45 19.08	9/18/99 0:25 19.20	9/18/99 5:05 19.16
9/17/99 15:10 19.00	9/17/99 19:50 19.08	9/18/99 0:30 19.16	9/18/99 5:10 19.16
9/17/99 15:15 19.00	9/17/99 19:55 19.12	9/18/99 0:35 19.20	9/18/99 5:15 19.16
9/17/99 15:20 19.00	9/17/99 20:00 19.12	9/18/99 0:40 19.16	9/18/99 5:20 19.16
9/17/99 15:25 19.00	9/17/99 20:05 19.12	9/18/99 0:45 19.20	9/18/99 5:25 19.16
9/17/99 15:30 19.00	9/17/99 20:10 19.12	9/18/99 0:50 19.20	9/18/99 5:30 19.16

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/18/99 5:35 19.16	9/18/99 10:15 19.12	9/18/99 14:55 19.08	9/18/99 19:35 19.12
9/18/99 5:40 19.16	9/18/99 10:20 19.08	9/18/99 15:00 19.08	9/18/99 19:40 19.12
9/18/99 5:45 19.16	9/18/99 10:25 19.08	9/18/99 15:05 19.08	9/18/99 19:45 19.12
9/18/99 5:50 19.16	9/18/99 10:30 19.08	9/18/99 15:10 19.08	9/18/99 19:50 19.12
9/18/99 5:55 19.16	9/18/99 10:35 19.08	9/18/99 15:15 19.08	9/18/99 19:55 19.12
9/18/99 6:00 19.16	9/18/99 10:40 19.08	9/18/99 15:20 19.08	9/18/99 20:00 19.12
9/18/99 6:05 19.16	9/18/99 10:45 19.08	9/18/99 15:25 19.08	9/18/99 20:05 19.12
9/18/99 6:10 19.16	9/18/99 10:50 19.08	9/18/99 15:30 19.08	9/18/99 20:10 19.12
9/18/99 6:15 19.16	9/18/99 10:55 19.08	9/18/99 15:35 19.08	9/18/99 20:15 19.12
9/18/99 6:20 19.16	9/18/99 11:00 19.08	9/18/99 15:40 19.08	9/18/99 20:20 19.12
9/18/99 6:25 19.16	9/18/99 11:05 19.08	9/18/99 15:45 19.08	9/18/99 20:25 19.12
9/18/99 6:30 19.16	9/18/99 11:10 19.08	9/18/99 15:50 19.08	9/18/99 20:30 19.12
9/18/99 6:35 19.16	9/18/99 11:15 19.08	9/18/99 15:55 19.08	9/18/99 20:35 19.12
9/18/99 6:40 19.16	9/18/99 11:20 19.08	9/18/99 16:00 19.08	9/18/99 20:40 19.12
9/18/99 6:45 19.16	9/18/99 11:25 19.08	9/18/99 16:05 19.08	9/18/99 20:45 19.12
9/18/99 6:50 19.16	9/18/99 11:30 19.08	9/18/99 16:10 19.04	9/18/99 20:50 19.12
9/18/99 6:55 19.16	9/18/99 11:35 19.08	9/18/99 16:15 19.04	9/18/99 20:55 19.12
9/18/99 7:00 19.16	9/18/99 11:40 19.08	9/18/99 16:20 19.04	9/18/99 21:00 19.12
9/18/99 7:05 19.16	9/18/99 11:45 19.08	9/18/99 16:25 19.04	9/18/99 21:05 19.12
9/18/99 7:10 19.16	9/18/99 11:50 19.08	9/18/99 16:30 19.04	9/18/99 21:10 19.12
9/18/99 7:15 19.16	9/18/99 11:55 19.08	9/18/99 16:35 19.04	9/18/99 21:15 19.12
9/18/99 7:20 19.16	9/18/99 12:00 19.08	9/18/99 16:40 19.04	9/18/99 21:20 19.12
9/18/99 7:25 19.16	9/18/99 12:05 19.08	9/18/99 16:45 19.04	9/18/99 21:25 19.12
9/18/99 7:30 19.16	9/18/99 12:10 19.08	9/18/99 16:50 19.04	9/18/99 21:30 19.12
9/18/99 7:35 19.16	9/18/99 12:15 19.08	9/18/99 16:55 19.04	9/18/99 21:35 19.12
9/18/99 7:40 19.16	9/18/99 12:20 19.08	9/18/99 17:00 19.04	9/18/99 21:40 19.12
9/18/99 7:45 19.16	9/18/99 12:25 19.08	9/18/99 17:05 19.04	9/18/99 21:45 19.12
9/18/99 7:50 19.16	9/18/99 12:30 19.04	9/18/99 17:10 19.08	9/18/99 21:50 19.12
9/18/99 7:55 19.16	9/18/99 12:35 19.04	9/18/99 17:15 19.04	9/18/99 21:55 19.12
9/18/99 8:00 19.16	9/18/99 12:40 19.04	9/18/99 17:20 19.08	9/18/99 22:00 19.12
9/18/99 8:05 19.16	9/18/99 12:45 19.04	9/18/99 17:25 19.08	9/18/99 22:05 19.12
9/18/99 8:10 19.16	9/18/99 12:50 19.04	9/18/99 17:30 19.08	9/18/99 22:10 19.12
9/18/99 8:15 19.16	9/18/99 12:55 19.04	9/18/99 17:35 19.08	9/18/99 22:15 19.12
9/18/99 8:20 19.12	9/18/99 13:00 19.04	9/18/99 17:40 19.08	9/18/99 22:20 19.12
9/18/99 8:25 19.12	9/18/99 13:05 19.08	9/18/99 17:45 19.08	9/18/99 22:25 19.12
9/18/99 8:30 19.12	9/18/99 13:10 19.04	9/18/99 17:50 19.08	9/18/99 22:30 19.12
9/18/99 8:35 19.12	9/18/99 13:15 19.04	9/18/99 17:55 19.08	9/18/99 22:35 19.12
9/18/99 8:40 19.12	9/18/99 13:20 19.04	9/18/99 18:00 19.08	9/18/99 22:40 19.08
9/18/99 8:45 19.12	9/18/99 13:25 19.04	9/18/99 18:05 19.08	9/18/99 22:45 19.08
9/18/99 8:50 19.12	9/18/99 13:30 19.04	9/18/99 18:10 19.08	9/18/99 22:50 19.12
9/18/99 8:55 19.12	9/18/99 13:35 19.04	9/18/99 18:15 19.08	9/18/99 22:55 19.12
9/18/99 9:00 19.12	9/18/99 13:40 19.04	9/18/99 18:20 19.08	9/18/99 23:00 19.12
9/18/99 9:05 19.12	9/18/99 13:45 19.04	9/18/99 18:25 19.08	9/18/99 23:05 19.12
9/18/99 9:10 19.12	9/18/99 13:50 19.04	9/18/99 18:30 19.08	9/18/99 23:10 19.12
9/18/99 9:15 19.12	9/18/99 13:55 19.04	9/18/99 18:35 19.08	9/18/99 23:15 19.12
9/18/99 9:20 19.08	9/18/99 14:00 19.04	9/18/99 18:40 19.08	9/18/99 23:20 19.12
9/18/99 9:25 19.08	9/18/99 14:05 19.04	9/18/99 18:45 19.08	9/18/99 23:25 19.12
9/18/99 9:30 19.08	9/18/99 14:10 19.04	9/18/99 18:50 19.08	9/18/99 23:30 19.12
9/18/99 9:35 19.08	9/18/99 14:15 19.04	9/18/99 18:55 19.08	9/18/99 23:35 19.12
9/18/99 9:40 19.08	9/18/99 14:20 19.04	9/18/99 19:00 19.08	9/18/99 23:40 19.12
9/18/99 9:45 19.12	9/18/99 14:25 19.04	9/18/99 19:05 19.08	9/18/99 23:45 19.12
9/18/99 9:50 19.12	9/18/99 14:30 19.04	9/18/99 19:10 19.08	9/18/99 23:50 19.12
9/18/99 9:55 19.12	9/18/99 14:35 19.04	9/18/99 19:15 19.08	9/18/99 23:55 19.16
9/18/99 10:00 19.12	9/18/99 14:40 19.04	9/18/99 19:20 19.08	9/19/99 0:00 19.12
9/18/99 10:05 19.12	9/18/99 14:45 19.08	9/18/99 19:25 19.12	9/19/99 0:05 19.16
9/18/99 10:10 19.12	9/18/99 14:50 19.08	9/18/99 19:30 19.08	9/19/99 0:10 19.16

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/19/99 0:15 19.12	9/19/99 4:55 19.16	9/19/99 9:35 19.12	9/19/99 14:15 19.08
9/19/99 0:20 19.16	9/19/99 5:00 19.16	9/19/99 9:40 19.12	9/19/99 14:20 19.08
9/19/99 0:25 19.16	9/19/99 5:05 19.16	9/19/99 9:45 19.12	9/19/99 14:25 19.12
9/19/99 0:30 19.12	9/19/99 5:10 19.16	9/19/99 9:50 19.12	9/19/99 14:30 19.08
9/19/99 0:35 19.12	9/19/99 5:15 19.16	9/19/99 9:55 19.12	9/19/99 14:35 19.12
9/19/99 0:40 19.12	9/19/99 5:20 19.16	9/19/99 10:00 19.12	9/19/99 14:40 19.12
9/19/99 0:45 19.16	9/19/99 5:25 19.16	9/19/99 10:05 19.12	9/19/99 14:45 19.12
9/19/99 0:50 19.16	9/19/99 5:30 19.16	9/19/99 10:10 19.12	9/19/99 14:50 19.08
9/19/99 0:55 19.16	9/19/99 5:35 19.16	9/19/99 10:15 19.12	9/19/99 14:55 19.08
9/19/99 1:00 19.16	9/19/99 5:40 19.20	9/19/99 10:20 19.12	9/19/99 15:00 19.12
9/19/99 1:05 19.16	9/19/99 5:45 19.20	9/19/99 10:25 19.12	9/19/99 15:05 19.12
9/19/99 1:10 19.16	9/19/99 5:50 19.20	9/19/99 10:30 19.12	9/19/99 15:10 19.12
9/19/99 1:15 19.16	9/19/99 5:55 19.16	9/19/99 10:35 19.12	9/19/99 15:15 19.12
9/19/99 1:20 19.16	9/19/99 6:00 19.16	9/19/99 10:40 19.12	9/19/99 15:20 19.12
9/19/99 1:25 19.16	9/19/99 6:05 19.16	9/19/99 10:45 19.12	9/19/99 15:25 19.12
9/19/99 1:30 19.16	9/19/99 6:10 19.16	9/19/99 10:50 19.16	9/19/99 15:30 19.16
9/19/99 1:35 19.16	9/19/99 6:15 19.16	9/19/99 10:55 19.16	9/19/99 15:35 19.16
9/19/99 1:40 19.16	9/19/99 6:20 19.16	9/19/99 11:00 19.16	9/19/99 15:40 19.16
9/19/99 1:45 19.16	9/19/99 6:25 19.20	9/19/99 11:05 19.12	9/19/99 15:45 19.16
9/19/99 1:50 19.16	9/19/99 6:30 19.20	9/19/99 11:10 19.12	9/19/99 15:50 19.16
9/19/99 1:55 19.16	9/19/99 6:35 19.16	9/19/99 11:15 19.12	9/19/99 15:55 19.16
9/19/99 2:00 19.16	9/19/99 6:40 19.20	9/19/99 11:20 19.12	9/19/99 16:00 19.16
9/19/99 2:05 19.16	9/19/99 6:45 19.16	9/19/99 11:25 19.12	9/19/99 16:05 19.16
9/19/99 2:10 19.16	9/19/99 6:50 19.20	9/19/99 11:30 19.12	9/19/99 16:10 19.16
9/19/99 2:15 19.16	9/19/99 6:55 19.20	9/19/99 11:35 19.12	9/19/99 16:15 19.16
9/19/99 2:20 19.16	9/19/99 7:00 19.16	9/19/99 11:40 19.12	9/19/99 16:20 19.16
9/19/99 2:25 19.16	9/19/99 7:05 19.20	9/19/99 11:45 19.12	9/19/99 16:25 19.16
9/19/99 2:30 19.16	9/19/99 7:10 19.20	9/19/99 11:50 19.12	9/19/99 16:30 19.16
9/19/99 2:35 19.16	9/19/99 7:15 19.20	9/19/99 11:55 19.12	9/19/99 16:35 19.16
9/19/99 2:40 19.16	9/19/99 7:20 19.20	9/19/99 12:00 19.12	9/19/99 16:40 19.16
9/19/99 2:45 19.16	9/19/99 7:25 19.20	9/19/99 12:05 19.12	9/19/99 16:45 19.12
9/19/99 2:50 19.16	9/19/99 7:30 19.20	9/19/99 12:10 19.12	9/19/99 16:50 19.12
9/19/99 2:55 19.16	9/19/99 7:35 19.20	9/19/99 12:15 19.12	9/19/99 16:55 19.16
9/19/99 3:00 19.16	9/19/99 7:40 19.20	9/19/99 12:20 19.12	9/19/99 17:00 19.16
9/19/99 3:05 19.16	9/19/99 7:45 19.20	9/19/99 12:25 19.12	9/19/99 17:05 19.16
9/19/99 3:10 19.16	9/19/99 7:50 19.20	9/19/99 12:30 19.12	9/19/99 17:10 19.16
9/19/99 3:15 19.16	9/19/99 7:55 19.20	9/19/99 12:35 19.12	9/19/99 17:15 19.16
9/19/99 3:20 19.16	9/19/99 8:00 19.20	9/19/99 12:40 19.12	9/19/99 17:20 19.16
9/19/99 3:25 19.16	9/19/99 8:05 19.16	9/19/99 12:45 19.12	9/19/99 17:25 19.16
9/19/99 3:30 19.16	9/19/99 8:10 19.16	9/19/99 12:50 19.12	9/19/99 17:30 19.16
9/19/99 3:35 19.16	9/19/99 8:15 19.16	9/19/99 12:55 19.08	9/19/99 17:35 19.16
9/19/99 3:40 19.16	9/19/99 8:20 19.16	9/19/99 13:00 19.08	9/19/99 17:40 19.12
9/19/99 3:45 19.16	9/19/99 8:25 19.16	9/19/99 13:05 19.08	9/19/99 17:45 19.12
9/19/99 3:50 19.16	9/19/99 8:30 19.16	9/19/99 13:10 19.08	9/19/99 17:50 19.12
9/19/99 3:55 19.16	9/19/99 8:35 19.20	9/19/99 13:15 19.08	9/19/99 17:55 19.12
9/19/99 4:00 19.16	9/19/99 8:40 19.20	9/19/99 13:20 19.08	9/19/99 18:00 19.12
9/19/99 4:05 19.16	9/19/99 8:45 19.16	9/19/99 13:25 19.08	9/19/99 18:05 19.12
9/19/99 4:10 19.16	9/19/99 8:50 19.16	9/19/99 13:30 19.08	9/19/99 18:10 19.16
9/19/99 4:15 19.16	9/19/99 8:55 19.16	9/19/99 13:35 19.08	9/19/99 18:15 19.16
9/19/99 4:20 19.16	9/19/99 9:00 19.16	9/19/99 13:40 19.08	9/19/99 18:20 19.16
9/19/99 4:25 19.16	9/19/99 9:05 19.16	9/19/99 13:45 19.08	9/19/99 18:25 19.16
9/19/99 4:30 19.16	9/19/99 9:10 19.16	9/19/99 13:50 19.08	9/19/99 18:30 19.16
9/19/99 4:35 19.16	9/19/99 9:15 19.12	9/19/99 13:55 19.08	9/19/99 18:35 19.16
9/19/99 4:40 19.16	9/19/99 9:20 19.12	9/19/99 14:00 19.08	9/19/99 18:40 19.16
9/19/99 4:45 19.16	9/19/99 9:25 19.12	9/19/99 14:05 19.08	9/19/99 18:45 19.20
9/19/99 4:50 19.16	9/19/99 9:30 19.12	9/19/99 14:10 19.08	9/19/99 18:50 19.20

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/19/99 18:55 19.20	9/19/99 23:35 19.24	9/20/99 4:15 19.20	9/20/99 8:55 19.16
9/19/99 19:00 19.16	9/19/99 23:40 19.24	9/20/99 4:20 19.20	9/20/99 9:00 19.16
9/19/99 19:05 19.16	9/19/99 23:45 19.24	9/20/99 4:25 19.20	9/20/99 9:05 19.16
9/19/99 19:10 19.16	9/19/99 23:50 19.24	9/20/99 4:30 19.20	9/20/99 9:10 19.16
9/19/99 19:15 19.16	9/19/99 23:55 19.24	9/20/99 4:35 19.20	9/20/99 9:15 19.16
9/19/99 19:20 19.16	9/20/99 0:00 19.24	9/20/99 4:40 19.20	9/20/99 9:20 19.12
9/19/99 19:25 19.16	9/20/99 0:05 19.24	9/20/99 4:45 19.20	9/20/99 9:25 19.12
9/19/99 19:30 19.16	9/20/99 0:10 19.24	9/20/99 4:50 19.20	9/20/99 9:30 19.12
9/19/99 19:35 19.16	9/20/99 0:15 19.24	9/20/99 4:55 19.20	9/20/99 9:35 19.12
9/19/99 19:40 19.20	9/20/99 0:20 19.20	9/20/99 5:00 19.20	9/20/99 9:40 19.12
9/19/99 19:45 19.20	9/20/99 0:25 19.20	9/20/99 5:05 19.20	9/20/99 9:45 19.12
9/19/99 19:50 19.20	9/20/99 0:30 19.20	9/20/99 5:10 19.20	9/20/99 9:50 19.12
9/19/99 19:55 19.20	9/20/99 0:35 19.20	9/20/99 5:15 19.20	9/20/99 9:55 19.12
9/19/99 20:00 19.20	9/20/99 0:40 19.20	9/20/99 5:20 19.20	9/20/99 10:00 19.12
9/19/99 20:05 19.20	9/20/99 0:45 19.20	9/20/99 5:25 19.20	9/20/99 10:05 19.12
9/19/99 20:10 19.20	9/20/99 0:50 19.20	9/20/99 5:30 19.20	9/20/99 10:10 19.12
9/19/99 20:15 19.20	9/20/99 0:55 19.20	9/20/99 5:35 19.20	9/20/99 10:15 19.12
9/19/99 20:20 19.20	9/20/99 1:00 19.20	9/20/99 5:40 19.20	9/20/99 10:20 19.12
9/19/99 20:25 19.20	9/20/99 1:05 19.20	9/20/99 5:45 19.20	9/20/99 10:25 19.12
9/19/99 20:30 19.20	9/20/99 1:10 19.20	9/20/99 5:50 19.20	9/20/99 10:30 19.12
9/19/99 20:35 19.20	9/20/99 1:15 19.20	9/20/99 5:55 19.20	9/20/99 10:35 19.12
9/19/99 20:40 19.20	9/20/99 1:20 19.20	9/20/99 6:00 19.20	9/20/99 10:40 19.12
9/19/99 20:45 19.20	9/20/99 1:25 19.20	9/20/99 6:05 19.20	9/20/99 10:45 19.12
9/19/99 20:50 19.24	9/20/99 1:30 19.20	9/20/99 6:10 19.20	9/20/99 10:50 19.09
9/19/99 20:55 19.24	9/20/99 1:35 19.20	9/20/99 6:15 19.20	9/20/99 10:55 20.91
9/19/99 21:00 19.24	9/20/99 1:40 19.20	9/20/99 6:20 19.20	9/20/99 11:00 19.11
9/19/99 21:05 19.24	9/20/99 1:45 19.20	9/20/99 6:25 19.16	9/20/99 11:05 19.07
9/19/99 21:10 19.24	9/20/99 1:50 19.20	9/20/99 6:30 19.16	9/20/99 11:10 19.08
9/19/99 21:15 19.24	9/20/99 1:55 19.20	9/20/99 6:35 19.16	9/20/99 11:15 19.08
9/19/99 21:20 19.24	9/20/99 2:00 19.20	9/20/99 6:40 19.16	9/20/99 11:20 19.08
9/19/99 21:25 19.24	9/20/99 2:05 19.20	9/20/99 6:45 19.16	9/20/99 11:25 19.08
9/19/99 21:30 19.24	9/20/99 2:10 19.20	9/20/99 6:50 19.16	9/20/99 11:30 19.08
9/19/99 21:35 19.24	9/20/99 2:15 19.20	9/20/99 6:55 19.16	9/20/99 11:35 19.08
9/19/99 21:40 19.24	9/20/99 2:20 19.20	9/20/99 7:00 19.16	9/20/99 11:40 19.08
9/19/99 21:45 19.24	9/20/99 2:25 19.20	9/20/99 7:05 19.24	9/20/99 11:45 19.08
9/19/99 21:50 19.24	9/20/99 2:30 19.20	9/20/99 7:10 19.20	9/20/99 11:50 19.08
9/19/99 21:55 19.24	9/20/99 2:35 19.20	9/20/99 7:15 19.20	9/20/99 11:55 19.08
9/19/99 22:00 19.24	9/20/99 2:40 19.20	9/20/99 7:20 19.16	9/20/99 12:00 19.08
9/19/99 22:05 19.24	9/20/99 2:45 19.20	9/20/99 7:25 19.20	9/20/99 12:05 19.08
9/19/99 22:10 19.24	9/20/99 2:50 19.20	9/20/99 7:30 19.20	9/20/99 12:10 19.08
9/19/99 22:15 19.24	9/20/99 2:55 19.20	9/20/99 7:35 19.20	9/20/99 12:15 19.08
9/19/99 22:20 19.24	9/20/99 3:00 19.20	9/20/99 7:40 19.20	9/20/99 12:20 19.08
9/19/99 22:25 19.24	9/20/99 3:05 19.20	9/20/99 7:45 19.20	9/20/99 12:25 19.08
9/19/99 22:30 19.24	9/20/99 3:10 19.20	9/20/99 7:50 19.20	9/20/99 12:30 19.08
9/19/99 22:35 19.24	9/20/99 3:15 19.20	9/20/99 7:55 19.20	9/20/99 12:35 19.08
9/19/99 22:40 19.24	9/20/99 3:20 19.20	9/20/99 8:00 19.20	9/20/99 12:40 19.08
9/19/99 22:45 19.24	9/20/99 3:25 19.20	9/20/99 8:05 19.20	9/20/99 12:45 19.08
9/19/99 22:50 19.24	9/20/99 3:30 19.20	9/20/99 8:10 19.20	9/20/99 12:50 19.08
9/19/99 22:55 19.24	9/20/99 3:35 19.20	9/20/99 8:15 19.16	9/20/99 12:55 19.08
9/19/99 23:00 19.24	9/20/99 3:40 19.20	9/20/99 8:20 19.16	9/20/99 13:00 19.08
9/19/99 23:05 19.24	9/20/99 3:45 19.20	9/20/99 8:25 19.16	9/20/99 13:05 19.08
9/19/99 23:10 19.24	9/20/99 3:50 19.20	9/20/99 8:30 19.16	9/20/99 13:10 19.08
9/19/99 23:15 19.24	9/20/99 3:55 19.16	9/20/99 8:35 19.16	9/20/99 13:15 19.08
9/19/99 23:20 19.24	9/20/99 4:00 19.16	9/20/99 8:40 19.20	9/20/99 13:20 19.08
9/19/99 23:25 19.24	9/20/99 4:05 19.20	9/20/99 8:45 19.20	9/20/99 13:25 19.08
9/19/99 23:30 19.24	9/20/99 4:10 19.20	9/20/99 8:50 19.16	9/20/99 13:30 19.08

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/20/99 13:35 19.08	9/20/99 18:15 19.12	9/20/99 22:55 19.20	9/21/99 3:35 19.16
9/20/99 13:40 19.08	9/20/99 18:20 19.12	9/20/99 23:00 19.20	9/21/99 3:40 19.16
9/20/99 13:45 19.08	9/20/99 18:25 19.12	9/20/99 23:05 19.20	9/21/99 3:45 19.16
9/20/99 13:50 19.08	9/20/99 18:30 19.12	9/20/99 23:10 19.20	9/21/99 3:50 19.16
9/20/99 13:55 19.08	9/20/99 18:35 19.12	9/20/99 23:15 19.16	9/21/99 3:55 19.16
9/20/99 14:00 19.08	9/20/99 18:40 19.16	9/20/99 23:20 19.20	9/21/99 4:00 19.16
9/20/99 14:05 19.08	9/20/99 18:45 19.16	9/20/99 23:25 19.20	9/21/99 4:05 19.16
9/20/99 14:10 19.08	9/20/99 18:50 19.16	9/20/99 23:30 19.20	9/21/99 4:10 19.16
9/20/99 14:15 19.08	9/20/99 18:55 19.16	9/20/99 23:35 19.16	9/21/99 4:15 19.16
9/20/99 14:20 19.08	9/20/99 19:00 19.16	9/20/99 23:40 19.16	9/21/99 4:20 19.16
9/20/99 14:25 19.08	9/20/99 19:05 19.16	9/20/99 23:45 19.20	9/21/99 4:25 19.16
9/20/99 14:30 19.08	9/20/99 19:10 19.16	9/20/99 23:50 19.16	9/21/99 4:30 19.16
9/20/99 14:35 19.08	9/20/99 19:15 19.16	9/20/99 23:55 19.20	9/21/99 4:35 19.16
9/20/99 14:40 19.08	9/20/99 19:20 19.16	9/21/99 0:00 19.20	9/21/99 4:40 19.16
9/20/99 14:45 19.12	9/20/99 19:25 19.16	9/21/99 0:05 19.20	9/21/99 4:45 19.16
9/20/99 14:50 19.12	9/20/99 19:30 19.16	9/21/99 0:10 19.16	9/21/99 4:50 19.16
9/20/99 14:55 19.12	9/20/99 19:35 19.16	9/21/99 0:15 19.16	9/21/99 4:55 19.16
9/20/99 15:00 19.12	9/20/99 19:40 19.16	9/21/99 0:20 19.20	9/21/99 5:00 19.16
9/20/99 15:05 19.12	9/20/99 19:45 19.16	9/21/99 0:25 19.16	9/21/99 5:05 19.16
9/20/99 15:10 19.12	9/20/99 19:50 19.16	9/21/99 0:30 19.16	9/21/99 5:10 19.16
9/20/99 15:15 19.12	9/20/99 19:55 19.16	9/21/99 0:35 19.16	9/21/99 5:15 19.16
9/20/99 15:20 19.12	9/20/99 20:00 19.16	9/21/99 0:40 19.16	9/21/99 5:20 19.16
9/20/99 15:25 19.08	9/20/99 20:05 19.16	9/21/99 0:45 19.16	9/21/99 5:25 19.16
9/20/99 15:30 19.08	9/20/99 20:10 19.16	9/21/99 0:50 19.16	9/21/99 5:30 19.16
9/20/99 15:35 19.08	9/20/99 20:15 19.16	9/21/99 0:55 19.16	9/21/99 5:35 19.16
9/20/99 15:40 19.08	9/20/99 20:20 19.16	9/21/99 1:00 19.16	9/21/99 5:40 19.16
9/20/99 15:45 19.08	9/20/99 20:25 19.16	9/21/99 1:05 19.16	9/21/99 5:45 19.16
9/20/99 15:50 19.08	9/20/99 20:30 19.16	9/21/99 1:10 19.20	9/21/99 5:50 19.16
9/20/99 15:55 19.08	9/20/99 20:35 19.16	9/21/99 1:15 19.16	9/21/99 5:55 19.16
9/20/99 16:00 19.12	9/20/99 20:40 19.16	9/21/99 1:20 19.20	9/21/99 6:00 19.16
9/20/99 16:05 19.12	9/20/99 20:45 19.16	9/21/99 1:25 19.16	9/21/99 6:05 19.16
9/20/99 16:10 19.12	9/20/99 20:50 19.16	9/21/99 1:30 19.16	9/21/99 6:10 19.16
9/20/99 16:15 19.12	9/20/99 20:55 19.16	9/21/99 1:35 19.16	9/21/99 6:15 19.16
9/20/99 16:20 19.12	9/20/99 21:00 19.16	9/21/99 1:40 19.16	9/21/99 6:20 19.16
9/20/99 16:25 19.12	9/20/99 21:05 19.16	9/21/99 1:45 19.16	9/21/99 6:25 19.16
9/20/99 16:30 19.12	9/20/99 21:10 19.16	9/21/99 1:50 19.16	9/21/99 6:30 19.16
9/20/99 16:35 19.12	9/20/99 21:15 19.16	9/21/99 1:55 19.16	9/21/99 6:35 19.16
9/20/99 16:40 19.12	9/20/99 21:20 19.16	9/21/99 2:00 19.16	9/21/99 6:40 19.16
9/20/99 16:45 19.12	9/20/99 21:25 19.16	9/21/99 2:05 19.16	9/21/99 6:45 19.16
9/20/99 16:50 19.12	9/20/99 21:30 19.16	9/21/99 2:10 19.16	9/21/99 6:50 19.16
9/20/99 16:55 19.12	9/20/99 21:35 19.16	9/21/99 2:15 19.16	9/21/99 6:55 19.16
9/20/99 17:00 19.12	9/20/99 21:40 19.16	9/21/99 2:20 19.16	9/21/99 7:00 19.16
9/20/99 17:05 19.12	9/20/99 21:45 19.16	9/21/99 2:25 19.16	9/21/99 7:05 19.16
9/20/99 17:10 19.12	9/20/99 21:50 19.16	9/21/99 2:30 19.20	9/21/99 7:10 19.16
9/20/99 17:15 19.16	9/20/99 21:55 19.16	9/21/99 2:35 19.16	9/21/99 7:15 19.16
9/20/99 17:20 19.16	9/20/99 22:00 19.16	9/21/99 2:40 19.16	9/21/99 7:20 19.16
9/20/99 17:25 19.16	9/20/99 22:05 19.16	9/21/99 2:45 19.16	9/21/99 7:25 19.16
9/20/99 17:30 19.16	9/20/99 22:10 19.16	9/21/99 2:50 19.16	9/21/99 7:30 19.16
9/20/99 17:35 19.16	9/20/99 22:15 19.16	9/21/99 2:55 19.16	9/21/99 7:35 19.16
9/20/99 17:40 19.16	9/20/99 22:20 19.16	9/21/99 3:00 19.16	9/21/99 7:40 19.16
9/20/99 17:45 19.16	9/20/99 22:25 19.20	9/21/99 3:05 19.16	9/21/99 7:45 19.16
9/20/99 17:50 19.12	9/20/99 22:30 19.20	9/21/99 3:10 19.16	9/21/99 7:50 19.16
9/20/99 17:55 19.12	9/20/99 22:35 19.20	9/21/99 3:15 19.16	9/21/99 7:55 19.16
9/20/99 18:00 19.12	9/20/99 22:40 19.20	9/21/99 3:20 19.16	9/21/99 8:00 19.16
9/20/99 18:05 19.12	9/20/99 22:45 19.20	9/21/99 3:25 19.16	9/21/99 8:05 19.16
9/20/99 18:10 19.12	9/20/99 22:50 19.20	9/21/99 3:30 19.16	9/21/99 8:10 19.16

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/21/99 8:15 19.16	9/21/99 12:55 19.71	9/21/99 17:35 28.61	9/21/99 22:15 37.55
9/21/99 8:20 19.16	9/21/99 13:00 19.72	9/21/99 17:40 28.69	9/21/99 22:20 37.67
9/21/99 8:25 19.16	9/21/99 13:05 19.74	9/21/99 17:45 28.73	9/21/99 22:25 37.79
9/21/99 8:30 19.16	9/21/99 13:10 19.74	9/21/99 17:50 28.81	9/21/99 22:30 38.06
9/21/99 8:35 19.16	9/21/99 13:15 19.74	9/21/99 17:55 28.88	9/21/99 22:35 38.18
9/21/99 8:40 19.16	9/21/99 13:20 19.74	9/21/99 18:00 28.94	9/21/99 22:40 38.30
9/21/99 8:45 19.16	9/21/99 13:25 19.74	9/21/99 18:05 29.08	9/21/99 22:45 38.49
9/21/99 8:50 19.16	9/21/99 13:30 19.78	9/21/99 18:10 29.12	9/21/99 22:50 38.61
9/21/99 8:55 19.16	9/21/99 13:35 19.78	9/21/99 18:15 31.05	9/21/99 22:55 38.69
9/21/99 9:00 19.16	9/21/99 13:40 19.82	9/21/99 18:20 33.34	9/21/99 23:00 38.96
9/21/99 9:05 19.16	9/21/99 13:45 21.07	9/21/99 18:25 33.57	9/21/99 23:05 39.08
9/21/99 9:10 19.16	9/21/99 13:50 21.15	9/21/99 18:30 33.77	9/21/99 23:10 39.19
9/21/99 9:15 19.16	9/21/99 13:55 21.19	9/21/99 18:35 34.00	9/21/99 23:15 39.31
9/21/99 9:20 19.16	9/21/99 14:00 21.21	9/21/99 18:40 34.12	9/21/99 23:20 39.39
9/21/99 9:25 19.16	9/21/99 14:05 21.27	9/21/99 18:45 34.20	9/21/99 23:25 39.51
9/21/99 9:30 19.16	9/21/99 14:10 21.27	9/21/99 18:50 34.33	9/21/99 23:30 39.74
9/21/99 9:35 19.16	9/21/99 14:15 21.31	9/21/99 18:55 34.59	9/21/99 23:35 39.90
9/21/99 9:40 19.16	9/21/99 14:20 21.35	9/21/99 19:00 34.74	9/21/99 23:40 40.01
9/21/99 9:45 19.16	9/21/99 14:25 21.35	9/21/99 19:05 34.84	9/21/99 23:45 40.25
9/21/99 9:50 19.16	9/21/99 14:30 21.39	9/21/99 19:10 35.02	9/21/99 23:50 40.40
9/21/99 9:55 19.16	9/21/99 14:35 21.40	9/21/99 19:15 27.27	9/21/99 23:55 40.52
9/21/99 10:00 19.16	9/21/99 14:40 21.50	9/21/99 19:20 23.03	9/22/99 0:00 40.83
9/21/99 10:05 19.16	9/21/99 14:45 21.46	9/21/99 19:25 22.75	9/22/99 0:05 40.95
9/21/99 10:10 19.16	9/21/99 14:50 21.54	9/21/99 19:30 22.60	9/22/99 0:10 41.19
9/21/99 10:15 19.16	9/21/99 14:55 21.54	9/21/99 19:35 22.48	9/22/99 0:15 41.42
9/21/99 10:20 19.12	9/21/99 15:00 21.54	9/21/99 19:40 22.40	9/22/99 0:20 41.65
9/21/99 10:25 19.16	9/21/99 15:05 21.58	9/21/99 19:45 22.28	9/22/99 0:25 41.85
9/21/99 10:30 19.16	9/21/99 15:10 21.58	9/21/99 19:50 22.21	9/22/99 0:30 42.05
9/21/99 10:35 19.20	9/21/99 15:15 22.79	9/21/99 19:55 22.13	9/22/99 0:35 42.40
9/21/99 10:40 19.16	9/21/99 15:20 24.04	9/21/99 20:00 22.58	9/22/99 0:40 42.59
9/21/99 10:45 19.16	9/21/99 15:25 24.12	9/21/99 20:05 32.36	9/22/99 0:45 42.79
9/21/99 10:50 19.16	9/21/99 15:30 24.20	9/21/99 20:10 33.35	9/22/99 0:50 42.94
9/21/99 10:55 19.16	9/21/99 15:35 24.28	9/21/99 20:15 33.80	9/22/99 0:55 43.10
9/21/99 11:00 19.16	9/21/99 15:40 24.31	9/21/99 20:20 34.04	9/22/99 1:00 43.57
9/21/99 11:05 19.16	9/21/99 15:45 24.35	9/21/99 20:25 34.23	9/22/99 1:05 43.84
9/21/99 11:10 19.16	9/21/99 15:50 24.37	9/21/99 20:30 34.39	9/22/99 1:10 44.04
9/21/99 11:15 19.16	9/21/99 15:55 24.47	9/21/99 20:35 34.55	9/22/99 1:15 44.19
9/21/99 11:20 19.20	9/21/99 16:00 24.51	9/21/99 20:40 34.86	9/22/99 1:20 44.35
9/21/99 11:25 19.16	9/21/99 16:05 24.55	9/21/99 20:45 34.98	9/22/99 1:25 44.62
9/21/99 11:30 19.16	9/21/99 16:10 24.59	9/21/99 20:50 35.05	9/22/99 1:30 44.82
9/21/99 11:35 19.12	9/21/99 16:15 24.61	9/21/99 20:55 35.17	9/22/99 1:35 45.01
9/21/99 11:40 19.16	9/21/99 16:20 24.67	9/21/99 21:00 35.41	9/22/99 1:40 45.21
9/21/99 11:45 19.16	9/21/99 16:25 24.70	9/21/99 21:05 35.52	9/22/99 1:45 45.48
9/21/99 11:50 19.16	9/21/99 16:30 24.74	9/21/99 21:10 35.64	9/22/99 1:50 45.95
9/21/99 11:55 19.16	9/21/99 16:35 24.76	9/21/99 21:15 35.76	9/22/99 1:55 46.18
9/21/99 12:00 19.16	9/21/99 16:40 24.82	9/21/99 21:20 36.07	9/22/99 2:00 46.42
9/21/99 12:05 19.16	9/21/99 16:45 27.20	9/21/99 21:25 36.19	9/22/99 2:05 46.73
9/21/99 12:10 19.16	9/21/99 16:50 27.36	9/21/99 21:30 36.27	9/22/99 2:10 47.01
9/21/99 12:15 19.16	9/21/99 16:55 27.59	9/21/99 21:35 36.38	9/22/99 2:15 47.20
9/21/99 12:20 19.16	9/21/99 17:00 27.71	9/21/99 21:40 36.42	9/22/99 2:20 47.40
9/21/99 12:25 19.16	9/21/99 17:05 27.91	9/21/99 21:45 36.69	9/22/99 2:25 47.63
9/21/99 12:30 19.16	9/21/99 17:10 28.06	9/21/99 21:50 36.81	9/22/99 2:30 47.94
9/21/99 12:35 19.14	9/21/99 17:15 28.26	9/21/99 21:55 36.93	9/22/99 2:35 48.22
9/21/99 12:40 18.69	9/21/99 17:20 28.34	9/21/99 22:00 37.12	9/22/99 2:40 48.49
9/21/99 12:45 19.12	9/21/99 17:25 28.42	9/21/99 22:05 37.24	9/22/99 2:45 48.84
9/21/99 12:50 19.67	9/21/99 17:30 28.53	9/21/99 22:10 37.36	9/22/99 2:50 49.19

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/22/99 2:55 49.54	9/22/99 7:35 73.05	9/22/99 12:15 69.58	9/22/99 16:55 35.25
9/22/99 3:00 49.93	9/22/99 7:40 72.51	9/22/99 12:20 69.62	9/22/99 17:00 35.25
9/22/99 3:05 50.25	9/22/99 7:45 72.00	9/22/99 12:25 69.70	9/22/99 17:05 35.37
9/22/99 3:10 50.60	9/22/99 7:50 71.57	9/22/99 12:30 69.70	9/22/99 17:10 35.37
9/22/99 3:15 51.54	9/22/99 7:55 71.02	9/22/99 12:35 69.74	9/22/99 17:15 35.41
9/22/99 3:20 52.94	9/22/99 8:00 70.67	9/22/99 12:40 69.89	9/22/99 17:20 35.46
9/22/99 3:25 53.57	9/22/99 8:05 70.13	9/22/99 12:45 70.01	9/22/99 17:25 35.52
9/22/99 3:30 54.31	9/22/99 8:10 69.81	9/22/99 12:50 70.09	9/22/99 17:30 35.56
9/22/99 3:35 54.93	9/22/99 8:15 69.58	9/22/99 12:55 70.20	9/22/99 17:35 35.64
9/22/99 3:40 55.52	9/22/99 8:20 69.42	9/22/99 13:00 70.36	9/22/99 17:40 35.64
9/22/99 3:45 56.38	9/22/99 8:25 69.31	9/22/99 13:05 70.48	9/22/99 17:45 35.68
9/22/99 3:50 57.12	9/22/99 8:30 69.17	9/22/99 13:10 70.75	9/22/99 17:50 35.68
9/22/99 3:55 57.63	9/22/99 8:35 69.03	9/22/99 13:15 70.98	9/22/99 17:55 35.76
9/22/99 4:00 58.06	9/22/99 8:40 68.91	9/22/99 13:20 71.14	9/22/99 18:00 35.76
9/22/99 4:05 59.11	9/22/99 8:45 68.84	9/22/99 13:25 71.30	9/22/99 18:05 35.8
9/22/99 4:10 59.66	9/22/99 8:50 68.76	9/22/99 13:30 71.49	9/22/99 18:10 35.8
9/22/99 4:15 60.24	9/22/99 8:55 68.60	9/22/99 13:35 71.63	9/22/99 18:15 35.8
9/22/99 4:20 60.83	9/22/99 9:00 68.49	9/22/99 13:40 62.16	9/22/99 18:20 35.8
9/22/99 4:25 61.34	9/22/99 9:05 68.45	9/22/99 13:45 58.06	9/22/99 18:25 35.84
9/22/99 4:30 61.85	9/22/99 9:10 68.37	9/22/99 13:50 55.83	9/22/99 18:30 35.84
9/22/99 4:35 62.31	9/22/99 9:15 68.37	9/22/99 13:55 54.35	9/22/99 18:35 35.84
9/22/99 4:40 62.67	9/22/99 9:20 68.33	9/22/99 14:00 52.86	9/22/99 18:40 35.84
9/22/99 4:45 63.02	9/22/99 9:25 68.33	9/22/99 14:05 51.18	9/22/99 18:45 35.84
9/22/99 4:50 63.29	9/22/99 9:30 68.33	9/22/99 14:10 49.58	9/22/99 18:50 35.84
9/22/99 4:55 63.56	9/22/99 9:35 68.35	9/22/99 14:15 48.41	9/22/99 18:55 35.8
9/22/99 5:00 64.42	9/22/99 9:40 68.41	9/22/99 14:20 47.43	9/22/99 19:00 35.8
9/22/99 5:05 65.01	9/22/99 9:45 68.41	9/22/99 14:25 46.42	9/22/99 19:05 35.8
9/22/99 5:10 65.83	9/22/99 9:50 68.37	9/22/99 14:30 45.58	9/22/99 19:10 35.8
9/22/99 5:15 66.45	9/22/99 9:55 68.37	9/22/99 14:35 44.19	9/22/99 19:15 35.8
9/22/99 5:20 66.65	9/22/99 10:00 68.37	9/22/99 14:40 43.18	9/22/99 19:20 35.8
9/22/99 5:25 67.63	9/22/99 10:05 68.41	9/22/99 14:45 42.28	9/22/99 19:25 35.8
9/22/99 5:30 68.80	9/22/99 10:10 68.41	9/22/99 14:50 41.42	9/22/99 19:30 35.8
9/22/99 5:35 69.81	9/22/99 10:15 68.49	9/22/99 14:55 40.80	9/22/99 19:35 35.8
9/22/99 5:40 70.48	9/22/99 10:20 68.52	9/22/99 15:00 40.09	9/22/99 19:40 35.76
9/22/99 5:45 71.06	9/22/99 10:25 68.56	9/22/99 15:05 39.47	9/22/99 19:45 35.76
9/22/99 5:50 71.57	9/22/99 10:30 68.60	9/22/99 15:10 38.88	9/22/99 19:50 35.76
9/22/99 5:55 72.08	9/22/99 10:35 68.60	9/22/99 15:15 38.33	9/22/99 19:55 35.76
9/22/99 6:00 74.19	9/22/99 10:40 68.64	9/22/99 15:20 37.79	9/22/99 20:00 35.72
9/22/99 6:05 76.10	9/22/99 10:45 68.68	9/22/99 15:25 37.28	9/22/99 20:05 35.72
9/22/99 6:10 77.98	9/22/99 10:50 68.72	9/22/99 15:30 36.81	9/22/99 20:10 35.72
9/22/99 6:15 78.68	9/22/99 10:55 68.76	9/22/99 15:35 36.42	9/22/99 20:15 35.72
9/22/99 6:20 78.68	9/22/99 11:00 68.84	9/22/99 15:40 35.99	9/22/99 20:20 35.72
9/22/99 6:25 78.60	9/22/99 11:05 68.84	9/22/99 15:45 35.52	9/22/99 20:25 35.68
9/22/99 6:30 78.64	9/22/99 11:10 68.88	9/22/99 15:50 35.02	9/22/99 20:30 35.68
9/22/99 6:35 78.72	9/22/99 11:15 68.95	9/22/99 15:55 34.59	9/22/99 20:35 35.68
9/22/99 6:40 78.80	9/22/99 11:20 68.99	9/22/99 16:00 34.27	9/22/99 20:40 35.68
9/22/99 6:45 78.87	9/22/99 11:25 69.07	9/22/99 16:05 34.00	9/22/99 20:45 35.64
9/22/99 6:50 78.80	9/22/99 11:30 69.11	9/22/99 16:10 33.73	9/22/99 20:50 35.64
9/22/99 6:55 78.56	9/22/99 11:35 69.19	9/22/99 16:15 33.45	9/22/99 20:55 35.64
9/22/99 7:00 78.60	9/22/99 11:40 69.23	9/22/99 16:20 33.22	9/22/99 21:00 35.64
9/22/99 7:05 78.68	9/22/99 11:45 69.31	9/22/99 16:25 32.95	9/22/99 21:05 35.56
9/22/99 7:10 78.83	9/22/99 11:50 69.34	9/22/99 16:30 33.84	9/22/99 21:10 35.52
9/22/99 7:15 78.91	9/22/99 11:55 69.42	9/22/99 16:35 34.98	9/22/99 21:15 35.52
9/22/99 7:20 78.99	9/22/99 12:00 69.46	9/22/99 16:40 35.05	9/22/99 21:20 35.52
9/22/99 7:25 78.87	9/22/99 12:05 69.50	9/22/99 16:45 35.13	9/22/99 21:25 35.48
9/22/99 7:30 74.54	9/22/99 12:10 69.54	9/22/99 16:50 35.17	9/22/99 21:30 35.48

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/22/99 21:35 35.48	9/23/99 2:15 35.13	9/23/99 6:55 34.98	9/23/99 11:35 37.16
9/22/99 21:40 35.48	9/23/99 2:20 35.13	9/23/99 7:00 34.98	9/23/99 11:40 37.32
9/22/99 21:45 35.44	9/23/99 2:25 35.13	9/23/99 7:05 34.98	9/23/99 11:45 37.4
9/22/99 21:50 35.44	9/23/99 2:30 35.13	9/23/99 7:10 34.98	9/23/99 11:50 37.51
9/22/99 21:55 35.44	9/23/99 2:35 35.13	9/23/99 7:15 34.98	9/23/99 11:55 37.59
9/22/99 22:00 35.41	9/23/99 2:40 35.13	9/23/99 7:20 34.98	9/23/99 12:00 37.83
9/22/99 22:05 35.41	9/23/99 2:45 35.13	9/23/99 7:25 34.94	9/23/99 12:05 37.91
9/22/99 22:10 35.41	9/23/99 2:50 35.13	9/23/99 7:30 34.94	9/23/99 12:10 38.02
9/22/99 22:15 35.41	9/23/99 2:55 35.13	9/23/99 7:35 34.94	9/23/99 12:15 38.14
9/22/99 22:20 35.37	9/23/99 3:00 35.13	9/23/99 7:40 34.94	9/23/99 12:20 38.26
9/22/99 22:25 35.37	9/23/99 3:05 35.13	9/23/99 7:45 34.94	9/23/99 12:25 38.33
9/22/99 22:30 35.37	9/23/99 3:10 35.13	9/23/99 7:50 34.94	9/23/99 12:30 38.41
9/22/99 22:35 35.37	9/23/99 3:15 35.13	9/23/99 7:55 34.94	9/23/99 12:35 38.53
9/22/99 22:40 35.37	9/23/99 3:20 35.09	9/23/99 8:00 34.94	9/23/99 12:40 38.61
9/22/99 22:45 35.33	9/23/99 3:25 35.13	9/23/99 8:05 34.9	9/23/99 12:45 38.65
9/22/99 22:50 35.33	9/23/99 3:30 35.13	9/23/99 8:10 34.9	9/23/99 12:50 38.84
9/22/99 22:55 35.33	9/23/99 3:35 35.05	9/23/99 8:15 34.9	9/23/99 12:55 38.92
9/22/99 23:00 35.33	9/23/99 3:40 35.05	9/23/99 8:20 34.9	9/23/99 13:00 38.96
9/22/99 23:05 35.29	9/23/99 3:45 35.05	9/23/99 8:25 34.9	9/23/99 13:05 39.04
9/22/99 23:10 35.29	9/23/99 3:50 35.05	9/23/99 8:30 34.9	9/23/99 13:10 39.08
9/22/99 23:15 35.29	9/23/99 3:55 35.05	9/23/99 8:35 34.9	9/23/99 13:15 39.16
9/22/99 23:20 35.29	9/23/99 4:00 35.02	9/23/99 8:40 34.9	9/23/99 13:20 39.23
9/22/99 23:25 35.29	9/23/99 4:05 35.02	9/23/99 8:45 34.94	9/23/99 13:25 39.35
9/22/99 23:30 35.29	9/23/99 4:10 35.02	9/23/99 8:50 34.94	9/23/99 13:30 39.47
9/22/99 23:35 35.25	9/23/99 4:15 35.02	9/23/99 8:55 34.9	9/23/99 13:35 39.51
9/22/99 23:40 35.25	9/23/99 4:20 35.02	9/23/99 9:00 34.9	9/23/99 13:40 39.58
9/22/99 23:45 35.25	9/23/99 4:25 35.02	9/23/99 9:05 34.94	9/23/99 13:45 39.66
9/22/99 23:50 35.25	9/23/99 4:30 35.02	9/23/99 9:10 34.9	9/23/99 13:50 39.82
9/22/99 23:55 35.25	9/23/99 4:35 35.02	9/23/99 9:15 34.9	9/23/99 13:55 39.9
9/23/99 0:00 35.25	9/23/99 4:40 35.02	9/23/99 9:20 34.9	9/23/99 14:00 39.94
9/23/99 0:05 35.21	9/23/99 4:45 35.02	9/23/99 9:25 34.9	9/23/99 14:05 40.01
9/23/99 0:10 35.25	9/23/99 4:50 35.02	9/23/99 9:30 34.9	9/23/99 14:10 40.13
9/23/99 0:15 35.25	9/23/99 4:55 35.02	9/23/99 9:35 34.9	9/23/99 14:15 40.25
9/23/99 0:20 35.21	9/23/99 5:00 35.02	9/23/99 9:40 34.9	9/23/99 14:20 40.37
9/23/99 0:25 35.21	9/23/99 5:05 35.02	9/23/99 9:45 34.9	9/23/99 14:25 40.44
9/23/99 0:30 35.21	9/23/99 5:10 34.98	9/23/99 9:50 34.9	9/23/99 14:30 40.52
9/23/99 0:35 35.21	9/23/99 5:15 35.02	9/23/99 9:55 34.9	9/23/99 14:35 40.64
9/23/99 0:40 35.21	9/23/99 5:20 34.98	9/23/99 10:00 34.9	9/23/99 14:40 40.72
9/23/99 0:45 35.21	9/23/99 5:25 34.98	9/23/99 10:05 34.9	9/23/99 14:45 40.87
9/23/99 0:50 35.21	9/23/99 5:30 34.98	9/23/99 10:10 34.9	9/23/99 14:50 40.95
9/23/99 0:55 35.17	9/23/99 5:35 34.98	9/23/99 10:15 34.9	9/23/99 14:55 41.03
9/23/99 1:00 35.17	9/23/99 5:40 35.02	9/23/99 10:20 34.86	9/23/99 15:00 41.07
9/23/99 1:05 35.17	9/23/99 5:45 34.98	9/23/99 10:25 34.86	9/23/99 15:05 41.11
9/23/99 1:10 35.17	9/23/99 5:50 34.98	9/23/99 10:30 34.9	9/23/99 15:10 41.15
9/23/99 1:15 35.17	9/23/99 5:55 35.02	9/23/99 10:35 34.9	9/23/99 15:15 41.15
9/23/99 1:20 35.17	9/23/99 6:00 34.98	9/23/99 10:40 34.9	9/23/99 15:20 41.15
9/23/99 1:25 35.17	9/23/99 6:05 34.98	9/23/99 10:45 34.9	9/23/99 15:25 40.87
9/23/99 1:30 35.17	9/23/99 6:10 34.98	9/23/99 10:50 34.86	9/23/99 15:30 40.56
9/23/99 1:35 35.13	9/23/99 6:15 34.98	9/23/99 10:55 34.94	9/23/99 15:35 40.33
9/23/99 1:40 35.17	9/23/99 6:20 34.98	9/23/99 11:00 36.16	9/23/99 15:40 40.17
9/23/99 1:45 35.17	9/23/99 6:25 34.98	9/23/99 11:05 36.58	9/23/99 15:45 39.82
9/23/99 1:50 35.13	9/23/99 6:30 34.98	9/23/99 11:10 36.73	9/23/99 15:50 39.62
9/23/99 1:55 35.13	9/23/99 6:35 34.98	9/23/99 11:15 36.81	9/23/99 15:55 39.39
9/23/99 2:00 35.13	9/23/99 6:40 34.98	9/23/99 11:20 36.89	9/23/99 16:00 39.12
9/23/99 2:05 35.13	9/23/99 6:45 34.98	9/23/99 11:25 36.97	9/23/99 16:05 38.8
9/23/99 2:10 35.13	9/23/99 6:50 34.98	9/23/99 11:30 37.09	9/23/99 16:10 38.49

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/23/99 16:15 38.22	9/23/99 20:55 27.71	9/24/99 1:35 24.63	9/24/99 6:15 22.6
9/23/99 16:20 37.98	9/23/99 21:00 27.63	9/24/99 1:40 24.59	9/24/99 6:20 22.63
9/23/99 16:25 37.89	9/23/99 21:05 27.56	9/24/99 1:45 24.55	9/24/99 6:25 22.6
9/23/99 16:30 37.87	9/23/99 21:10 27.48	9/24/99 1:50 24.51	9/24/99 6:30 22.56
9/23/99 16:35 37.98	9/23/99 21:15 27.4	9/24/99 1:55 24.47	9/24/99 6:35 22.56
9/23/99 16:40 38.1	9/23/99 21:20 27.32	9/24/99 2:00 24.43	9/24/99 6:40 22.52
9/23/99 16:45 38.22	9/23/99 21:25 27.24	9/24/99 2:05 24.39	9/24/99 6:45 22.48
9/23/99 16:50 38.37	9/23/99 21:30 27.17	9/24/99 2:10 24.39	9/24/99 6:50 22.48
9/23/99 16:55 38.47	9/23/99 21:35 27.09	9/24/99 2:15 24.28	9/24/99 6:55 22.44
9/23/99 17:00 38.61	9/23/99 21:40 27.01	9/24/99 2:20 24.28	9/24/99 7:00 22.4
9/23/99 17:05 38.69	9/23/99 21:45 26.97	9/24/99 2:25 24.2	9/24/99 7:05 22.36
9/23/99 17:10 38.8	9/23/99 21:50 26.89	9/24/99 2:30 24.2	9/24/99 7:10 22.32
9/23/99 17:15 38.88	9/23/99 21:55 26.81	9/24/99 2:35 24.16	9/24/99 7:15 22.32
9/23/99 17:20 38.96	9/23/99 22:00 26.77	9/24/99 2:40 24.08	9/24/99 7:20 22.32
9/23/99 17:25 39.04	9/23/99 22:05 26.7	9/24/99 2:45 24.04	9/24/99 7:25 22.21
9/23/99 17:30 35.09	9/23/99 22:10 26.62	9/24/99 2:50 24	9/24/99 7:30 22.21
9/23/99 17:35 34.55	9/23/99 22:15 26.58	9/24/99 2:55 23.96	9/24/99 7:35 22.21
9/23/99 17:40 34.16	9/23/99 22:20 26.5	9/24/99 3:00 23.92	9/24/99 7:40 22.17
9/23/99 17:45 33.84	9/23/99 22:25 26.46	9/24/99 3:05 23.88	9/24/99 7:45 22.17
9/23/99 17:50 33.53	9/23/99 22:30 26.38	9/24/99 3:10 23.85	9/24/99 7:50 22.13
9/23/99 17:55 33.18	9/23/99 22:35 26.38	9/24/99 3:15 23.81	9/24/99 7:55 22.09
9/23/99 18:00 32.91	9/23/99 22:40 26.31	9/24/99 3:20 23.77	9/24/99 8:00 22.13
9/23/99 18:05 32.63	9/23/99 22:45 26.27	9/24/99 3:25 23.73	9/24/99 8:05 22.05
9/23/99 18:10 32.36	9/23/99 22:50 26.23	9/24/99 3:30 23.69	9/24/99 8:10 22.05
9/23/99 18:15 32.13	9/23/99 22:55 26.15	9/24/99 3:35 23.65	9/24/99 8:15 22.01
9/23/99 18:20 31.89	9/23/99 23:00 26.11	9/24/99 3:40 23.61	9/24/99 8:20 21.97
9/23/99 18:25 31.62	9/23/99 23:05 26.07	9/24/99 3:45 23.57	9/24/99 8:25 21.97
9/23/99 18:30 31.38	9/23/99 23:10 25.99	9/24/99 3:50 23.53	9/24/99 8:30 21.93
9/23/99 18:35 31.15	9/23/99 23:15 25.95	9/24/99 3:55 23.49	9/24/99 8:35 21.89
9/23/99 18:40 30.95	9/23/99 23:20 25.92	9/24/99 4:00 23.49	9/24/99 8:40 21.89
9/23/99 18:45 30.76	9/23/99 23:25 25.88	9/24/99 4:05 23.46	9/24/99 8:45 21.85
9/23/99 18:50 30.56	9/23/99 23:30 25.84	9/24/99 4:10 23.42	9/24/99 8:50 21.81
9/23/99 18:55 30.41	9/23/99 23:35 25.8	9/24/99 4:15 23.38	9/24/99 8:55 21.78
9/23/99 19:00 30.25	9/23/99 23:40 25.72	9/24/99 4:20 23.34	9/24/99 9:00 21.78
9/23/99 19:05 30.06	9/23/99 23:45 25.68	9/24/99 4:25 23.3	9/24/99 9:05 21.78
9/23/99 19:10 29.86	9/23/99 23:50 25.64	9/24/99 4:30 23.26	9/24/99 9:10 21.74
9/23/99 19:15 29.7	9/23/99 23:55 25.56	9/24/99 4:35 23.22	9/24/99 9:15 21.7
9/23/99 19:20 29.59	9/24/99 0:00 25.52	9/24/99 4:40 23.22	9/24/99 9:20 21.66
9/23/99 19:25 29.47	9/24/99 0:05 25.49	9/24/99 4:45 23.18	9/24/99 9:25 21.66
9/23/99 19:30 29.35	9/24/99 0:10 25.45	9/24/99 4:50 23.14	9/24/99 9:30 21.66
9/23/99 19:35 29.24	9/24/99 0:15 25.37	9/24/99 4:55 23.1	9/24/99 9:35 21.62
9/23/99 19:40 29.16	9/24/99 0:20 25.33	9/24/99 5:00 23.06	9/24/99 9:40 21.62
9/23/99 19:45 29.08	9/24/99 0:25 25.29	9/24/99 5:05 23.06	9/24/99 9:45 21.58
9/23/99 19:50 28.92	9/24/99 0:30 25.21	9/24/99 5:10 23.03	9/24/99 9:50 21.54
9/23/99 19:55 28.81	9/24/99 0:35 25.17	9/24/99 5:15 22.99	9/24/99 9:55 21.54
9/23/99 20:00 28.73	9/24/99 0:40 25.13	9/24/99 5:20 22.95	9/24/99 10:00 21.5
9/23/99 20:05 28.65	9/24/99 0:45 25.1	9/24/99 5:25 22.91	9/24/99 10:05 21.46
9/23/99 20:10 28.53	9/24/99 0:50 25.02	9/24/99 5:30 22.91	9/24/99 10:10 21.46
9/23/99 20:15 28.45	9/24/99 0:55 24.98	9/24/99 5:35 22.87	9/24/99 10:15 21.42
9/23/99 20:20 28.34	9/24/99 1:00 24.94	9/24/99 5:40 22.83	9/24/99 10:20 21.39
9/23/99 20:25 28.26	9/24/99 1:05 24.9	9/24/99 5:45 22.79	9/24/99 10:25 21.39
9/23/99 20:30 28.14	9/24/99 1:10 24.86	9/24/99 5:50 22.79	9/24/99 10:30 21.39
9/23/99 20:35 28.06	9/24/99 1:15 24.82	9/24/99 5:55 22.71	9/24/99 10:35 21.39
9/23/99 20:40 27.99	9/24/99 1:20 24.78	9/24/99 6:00 22.75	9/24/99 10:40 21.39
9/23/99 20:45 27.91	9/24/99 1:25 24.74	9/24/99 6:05 22.71	9/24/99 10:45 21.35
9/23/99 20:50 27.83	9/24/99 1:30 24.67	9/24/99 6:10 22.67	9/24/99 10:50 21.31

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/24/99 10:55 21.31	9/24/99 15:35 20.33	9/24/99 20:15 19.63	9/25/99 0:55 19.24
9/24/99 11:00 21.31	9/24/99 15:40 20.33	9/24/99 20:20 19.63	9/25/99 1:00 19.24
9/24/99 11:05 21.31	9/24/99 15:45 20.33	9/24/99 20:25 19.59	9/25/99 1:05 19.24
9/24/99 11:10 21.31	9/24/99 15:50 20.25	9/24/99 20:30 19.59	9/25/99 1:10 19.24
9/24/99 11:15 21.27	9/24/99 15:55 20.25	9/24/99 20:35 19.59	9/25/99 1:15 19.24
9/24/99 11:20 21.27	9/24/99 16:00 20.25	9/24/99 20:40 19.59	9/25/99 1:20 19.24
9/24/99 11:25 21.27	9/24/99 16:05 20.21	9/24/99 20:45 19.55	9/25/99 1:25 19.24
9/24/99 11:30 21.23	9/24/99 16:10 20.17	9/24/99 20:50 19.55	9/25/99 1:30 19.24
9/24/99 11:35 21.23	9/24/99 16:15 20.17	9/24/99 20:55 19.55	9/25/99 1:35 19.24
9/24/99 11:40 21.19	9/24/99 16:20 20.14	9/24/99 21:00 19.55	9/25/99 1:40 19.24
9/24/99 11:45 21.19	9/24/99 16:25 20.14	9/24/99 21:05 19.51	9/25/99 1:45 19.24
9/24/99 11:50 21.15	9/24/99 16:30 20.14	9/24/99 21:10 19.51	9/25/99 1:50 19.24
9/24/99 11:55 21.15	9/24/99 16:35 20.1	9/24/99 21:15 19.51	9/25/99 1:55 19.24
9/24/99 12:00 21.11	9/24/99 16:40 20.1	9/24/99 21:20 19.51	9/25/99 2:00 19.24
9/24/99 12:05 21.11	9/24/99 16:45 20.1	9/24/99 21:25 19.47	9/25/99 2:05 19.24
9/24/99 12:10 21.07	9/24/99 16:50 20.06	9/24/99 21:30 19.47	9/25/99 2:10 19.24
9/24/99 12:15 21.07	9/24/99 16:55 20.06	9/24/99 21:35 19.47	9/25/99 2:15 19.24
9/24/99 12:20 21.03	9/24/99 17:00 20.06	9/24/99 21:40 19.47	9/25/99 2:20 19.24
9/24/99 12:25 21.03	9/24/99 17:05 20.06	9/24/99 21:45 19.43	9/25/99 2:25 19.24
9/24/99 12:30 20.99	9/24/99 17:10 20.02	9/24/99 21:50 19.43	9/25/99 2:30 19.24
9/24/99 12:35 20.99	9/24/99 17:15 20.02	9/24/99 21:55 19.43	9/25/99 2:35 19.24
9/24/99 12:40 20.96	9/24/99 17:20 20.02	9/24/99 22:00 19.43	9/25/99 2:40 19.24
9/24/99 12:45 20.96	9/24/99 17:25 20.02	9/24/99 22:05 19.39	9/25/99 2:45 19.24
9/24/99 12:50 20.96	9/24/99 17:30 19.98	9/24/99 22:10 19.39	9/25/99 2:50 19.24
9/24/99 12:55 20.92	9/24/99 17:35 19.98	9/24/99 22:15 19.39	9/25/99 2:55 19.24
9/24/99 13:00 20.92	9/24/99 17:40 19.98	9/24/99 22:20 19.39	9/25/99 3:00 19.24
9/24/99 13:05 20.88	9/24/99 17:45 19.98	9/24/99 22:25 19.35	9/25/99 3:05 19.24
9/24/99 13:10 20.88	9/24/99 17:50 19.94	9/24/99 22:30 19.35	9/25/99 3:10 19.24
9/24/99 13:15 20.88	9/24/99 17:55 19.94	9/24/99 22:35 19.35	9/25/99 3:15 19.24
9/24/99 13:20 20.84	9/24/99 18:00 19.94	9/24/99 22:40 19.35	9/25/99 3:20 19.24
9/24/99 13:25 20.84	9/24/99 18:05 19.9	9/24/99 22:45 19.35	9/25/99 3:25 19.24
9/24/99 13:30 20.8	9/24/99 18:10 19.9	9/24/99 22:50 19.32	9/25/99 3:30 19.24
9/24/99 13:35 20.8	9/24/99 18:15 19.9	9/24/99 22:55 19.32	9/25/99 3:35 19.24
9/24/99 13:40 20.76	9/24/99 18:20 19.9	9/24/99 23:00 19.32	9/25/99 3:40 19.24
9/24/99 13:45 20.76	9/24/99 18:25 19.86	9/24/99 23:05 19.32	9/25/99 3:45 19.24
9/24/99 13:50 20.72	9/24/99 18:30 19.86	9/24/99 23:10 19.32	9/25/99 3:50 19.24
9/24/99 13:55 20.72	9/24/99 18:35 19.86	9/24/99 23:15 19.32	9/25/99 3:55 19.24
9/24/99 14:00 20.68	9/24/99 18:40 19.86	9/24/99 23:20 19.28	9/25/99 4:00 19.24
9/24/99 14:05 20.68	9/24/99 18:45 19.82	9/24/99 23:25 19.28	9/25/99 4:05 19.24
9/24/99 14:10 20.68	9/24/99 18:50 19.82	9/24/99 23:30 19.28	9/25/99 4:10 19.24
9/24/99 14:15 20.64	9/24/99 18:55 19.82	9/24/99 23:35 19.28	9/25/99 4:15 19.24
9/24/99 14:20 20.64	9/24/99 19:00 19.82	9/24/99 23:40 19.28	9/25/99 4:20 19.24
9/24/99 14:25 20.6	9/24/99 19:05 19.74	9/24/99 23:45 19.28	9/25/99 4:25 19.24
9/24/99 14:30 20.64	9/24/99 19:10 19.74	9/24/99 23:50 19.28	9/25/99 4:30 19.24
9/24/99 14:35 20.57	9/24/99 19:15 19.74	9/24/99 23:55 19.28	9/25/99 4:35 19.24
9/24/99 14:40 20.6	9/24/99 19:20 19.74	9/25/99 0:00 19.28	9/25/99 4:40 19.2
9/24/99 14:45 20.57	9/24/99 19:25 19.71	9/25/99 0:05 19.24	9/25/99 4:45 19.24
9/24/99 14:50 20.53	9/24/99 19:30 19.71	9/25/99 0:10 19.24	9/25/99 4:50 19.2
9/24/99 14:55 20.53	9/24/99 19:35 19.71	9/25/99 0:15 19.24	9/25/99 4:55 19.24
9/24/99 15:00 20.49	9/24/99 19:40 19.71	9/25/99 0:20 19.24	9/25/99 5:00 19.24
9/24/99 15:05 20.49	9/24/99 19:45 19.71	9/25/99 0:25 19.24	9/25/99 5:05 19.2
9/24/99 15:10 20.45	9/24/99 19:50 19.67	9/25/99 0:30 19.24	9/25/99 5:10 19.2
9/24/99 15:15 20.41	9/24/99 19:55 19.67	9/25/99 0:35 19.24	9/25/99 5:15 19.2
9/24/99 15:20 20.41	9/24/99 20:00 19.67	9/25/99 0:40 19.24	9/25/99 5:20 19.24
9/24/99 15:25 20.37	9/24/99 20:05 19.67	9/25/99 0:45 19.24	9/25/99 5:25 19.24
9/24/99 15:30 20.37	9/24/99 20:10 19.63	9/25/99 0:50 19.24	9/25/99 5:30 19.24

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/25/99 5:35 19.24	9/25/99 10:15 19.2	9/25/99 14:55 19.08	9/25/99 19:35 19.16
9/25/99 5:40 19.2	9/25/99 10:20 19.2	9/25/99 15:00 19.08	9/25/99 19:40 19.16
9/25/99 5:45 19.2	9/25/99 10:25 19.16	9/25/99 15:05 19.08	9/25/99 19:45 19.16
9/25/99 5:50 19.2	9/25/99 10:30 19.16	9/25/99 15:10 19.08	9/25/99 19:50 19.16
9/25/99 5:55 19.2	9/25/99 10:35 19.16	9/25/99 15:15 19.08	9/25/99 19:55 19.16
9/25/99 6:00 19.2	9/25/99 10:40 19.16	9/25/99 15:20 19.04	9/25/99 20:00 19.16
9/25/99 6:05 19.2	9/25/99 10:45 19.16	9/25/99 15:25 19.04	9/25/99 20:05 19.16
9/25/99 6:10 19.2	9/25/99 10:50 19.16	9/25/99 15:30 19.04	9/25/99 20:10 19.16
9/25/99 6:15 19.2	9/25/99 10:55 19.16	9/25/99 15:35 19.04	9/25/99 20:15 19.16
9/25/99 6:20 19.2	9/25/99 11:00 19.16	9/25/99 15:40 19.04	9/25/99 20:20 19.16
9/25/99 6:25 19.2	9/25/99 11:05 19.12	9/25/99 15:45 19.04	9/25/99 20:25 19.16
9/25/99 6:30 19.2	9/25/99 11:10 19.12	9/25/99 15:50 19.08	9/25/99 20:30 19.16
9/25/99 6:35 19.2	9/25/99 11:15 19.12	9/25/99 15:55 19.08	9/25/99 20:35 19.12
9/25/99 6:40 19.2	9/25/99 11:20 19.12	9/25/99 16:00 19.04	9/25/99 20:40 19.16
9/25/99 6:45 19.2	9/25/99 11:25 19.16	9/25/99 16:05 19.04	9/25/99 20:45 19.12
9/25/99 6:50 19.2	9/25/99 11:30 19.12	9/25/99 16:10 19.08	9/25/99 20:50 19.12
9/25/99 6:55 19.2	9/25/99 11:35 19.12	9/25/99 16:15 19.08	9/25/99 20:55 19.12
9/25/99 7:00 19.2	9/25/99 11:40 19.12	9/25/99 16:20 19.08	9/25/99 21:00 19.12
9/25/99 7:05 19.2	9/25/99 11:45 19.12	9/25/99 16:25 19.08	9/25/99 21:05 19.12
9/25/99 7:10 19.2	9/25/99 11:50 19.12	9/25/99 16:30 19.08	9/25/99 21:10 19.12
9/25/99 7:15 19.2	9/25/99 11:55 19.12	9/25/99 16:35 19.12	9/25/99 21:15 19.12
9/25/99 7:20 19.2	9/25/99 12:00 19.08	9/25/99 16:40 19.12	9/25/99 21:20 19.12
9/25/99 7:25 19.2	9/25/99 12:05 19.08	9/25/99 16:45 19.12	9/25/99 21:25 19.12
9/25/99 7:30 19.2	9/25/99 12:10 19.08	9/25/99 16:50 19.12	9/25/99 21:30 19.12
9/25/99 7:35 19.2	9/25/99 12:15 19.08	9/25/99 16:55 19.12	9/25/99 21:35 19.12
9/25/99 7:40 19.2	9/25/99 12:20 19.08	9/25/99 17:00 19.12	9/25/99 21:40 19.12
9/25/99 7:45 19.2	9/25/99 12:25 19.08	9/25/99 17:05 19.12	9/25/99 21:45 19.12
9/25/99 7:50 19.2	9/25/99 12:30 19.08	9/25/99 17:10 19.12	9/25/99 21:50 19.12
9/25/99 7:55 19.2	9/25/99 12:35 19.08	9/25/99 17:15 19.08	9/25/99 21:55 19.08
9/25/99 8:00 19.2	9/25/99 12:40 19.08	9/25/99 17:20 19.08	9/25/99 22:00 19.08
9/25/99 8:05 19.2	9/25/99 12:45 19.04	9/25/99 17:25 19.12	9/25/99 22:05 19.08
9/25/99 8:10 19.2	9/25/99 12:50 19.04	9/25/99 17:30 19.12	9/25/99 22:10 19.08
9/25/99 8:15 19.2	9/25/99 12:55 19.08	9/25/99 17:35 19.12	9/25/99 22:15 19.08
9/25/99 8:20 19.2	9/25/99 13:00 19.08	9/25/99 17:40 19.12	9/25/99 22:20 19.08
9/25/99 8:25 19.2	9/25/99 13:05 19.04	9/25/99 17:45 19.12	9/25/99 22:25 19.08
9/25/99 8:30 19.2	9/25/99 13:10 19.04	9/25/99 17:50 19.12	9/25/99 22:30 19.08
9/25/99 8:35 19.2	9/25/99 13:15 19.04	9/25/99 17:55 19.12	9/25/99 22:35 19.08
9/25/99 8:40 19.2	9/25/99 13:20 19.04	9/25/99 18:00 19.12	9/25/99 22:40 19.08
9/25/99 8:45 19.2	9/25/99 13:25 19.04	9/25/99 18:05 19.12	9/25/99 22:45 19.08
9/25/99 8:50 19.2	9/25/99 13:30 19.04	9/25/99 18:10 19.12	9/25/99 22:50 19.08
9/25/99 8:55 19.2	9/25/99 13:35 19.04	9/25/99 18:15 19.12	9/25/99 22:55 19.08
9/25/99 9:00 19.2	9/25/99 13:40 19.04	9/25/99 18:20 19.12	9/25/99 23:00 19.04
9/25/99 9:05 19.2	9/25/99 13:45 19.08	9/25/99 18:25 19.12	9/25/99 23:05 19.04
9/25/99 9:10 19.2	9/25/99 13:50 19.08	9/25/99 18:30 19.12	9/25/99 23:10 19.04
9/25/99 9:15 19.2	9/25/99 13:55 19.08	9/25/99 18:35 19.12	9/25/99 23:15 19.04
9/25/99 9:20 19.2	9/25/99 14:00 19.08	9/25/99 18:40 19.12	9/25/99 23:20 19.04
9/25/99 9:25 19.2	9/25/99 14:05 19.08	9/25/99 18:45 19.12	9/25/99 23:25 19.04
9/25/99 9:30 19.16	9/25/99 14:10 19.04	9/25/99 18:50 19.12	9/25/99 23:30 19.04
9/25/99 9:35 19.16	9/25/99 14:15 19.08	9/25/99 18:55 19.12	9/25/99 23:35 19
9/25/99 9:40 19.16	9/25/99 14:20 19.08	9/25/99 19:00 19.12	9/25/99 23:40 19
9/25/99 9:45 19.16	9/25/99 14:25 19.08	9/25/99 19:05 19.16	9/25/99 23:45 19
9/25/99 9:50 19.16	9/25/99 14:30 19.08	9/25/99 19:10 19.16	9/25/99 23:50 18.96
9/25/99 9:55 19.16	9/25/99 14:35 19.08	9/25/99 19:15 19.16	9/25/99 23:55 18.92
9/25/99 10:00 19.16	9/25/99 14:40 19.08	9/25/99 19:20 19.16	9/26/99 0:00 18.89
9/25/99 10:05 19.16	9/25/99 14:45 19.08	9/25/99 19:25 19.16	9/26/99 0:05 18.85
9/25/99 10:10 19.2	9/25/99 14:50 19.08	9/25/99 19:30 19.16	9/26/99 0:10 18.77

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/26/99 0:15 18.73	9/26/99 4:55 17.99	9/26/99 9:35 17.6	9/26/99 14:15 17.28
9/26/99 0:20 18.69	9/26/99 5:00 17.99	9/26/99 9:40 17.56	9/26/99 14:20 17.25
9/26/99 0:25 18.65	9/26/99 5:05 17.99	9/26/99 9:45 17.56	9/26/99 14:25 17.25
9/26/99 0:30 18.61	9/26/99 5:10 17.99	9/26/99 9:50 17.6	9/26/99 14:30 17.25
9/26/99 0:35 18.61	9/26/99 5:15 17.99	9/26/99 9:55 17.56	9/26/99 14:35 17.25
9/26/99 0:40 18.53	9/26/99 5:20 17.99	9/26/99 10:00 17.56	9/26/99 14:40 17.25
9/26/99 0:45 18.53	9/26/99 5:25 17.99	9/26/99 10:05 17.56	9/26/99 14:45 17.25
9/26/99 0:50 18.5	9/26/99 5:30 18.03	9/26/99 10:10 17.52	9/26/99 14:50 17.25
9/26/99 0:55 18.46	9/26/99 5:35 18.03	9/26/99 10:15 17.52	9/26/99 14:55 17.25
9/26/99 1:00 18.42	9/26/99 5:40 18.03	9/26/99 10:20 17.52	9/26/99 15:00 17.21
9/26/99 1:05 18.38	9/26/99 5:45 18.03	9/26/99 10:25 17.48	9/26/99 15:05 17.21
9/26/99 1:10 18.34	9/26/99 5:50 17.99	9/26/99 10:30 17.48	9/26/99 15:10 17.25
9/26/99 1:15 18.34	9/26/99 5:55 17.99	9/26/99 10:35 17.48	9/26/99 15:15 17.25
9/26/99 1:20 18.3	9/26/99 6:00 17.99	9/26/99 10:40 17.48	9/26/99 15:20 17.25
9/26/99 1:25 18.26	9/26/99 6:05 18.07	9/26/99 10:45 17.44	9/26/99 15:25 17.25
9/26/99 1:30 18.22	9/26/99 6:10 18.03	9/26/99 10:50 17.44	9/26/99 15:30 17.25
9/26/99 1:35 18.22	9/26/99 6:15 18.07	9/26/99 10:55 17.44	9/26/99 15:35 17.28
9/26/99 1:40 18.18	9/26/99 6:20 18.07	9/26/99 11:00 17.44	9/26/99 15:40 17.28
9/26/99 1:45 18.18	9/26/99 6:25 18.07	9/26/99 11:05 17.44	9/26/99 15:45 17.28
9/26/99 1:50 18.14	9/26/99 6:30 18.07	9/26/99 11:10 17.44	9/26/99 15:50 17.28
9/26/99 1:55 18.14	9/26/99 6:35 18.07	9/26/99 11:15 17.44	9/26/99 15:55 17.28
9/26/99 2:00 18.1	9/26/99 6:40 18.07	9/26/99 11:20 17.4	9/26/99 16:00 17.28
9/26/99 2:05 18.1	9/26/99 6:45 18.07	9/26/99 11:25 17.4	9/26/99 16:05 17.28
9/26/99 2:10 18.07	9/26/99 6:50 18.07	9/26/99 11:30 17.4	9/26/99 16:10 17.32
9/26/99 2:15 18.07	9/26/99 6:55 18.07	9/26/99 11:35 17.4	9/26/99 16:15 17.32
9/26/99 2:20 18.07	9/26/99 7:00 18.07	9/26/99 11:40 17.4	9/26/99 16:20 17.32
9/26/99 2:25 18.03	9/26/99 7:05 18.07	9/26/99 11:45 17.4	9/26/99 16:25 17.28
9/26/99 2:30 18.03	9/26/99 7:10 18.07	9/26/99 11:50 17.36	9/26/99 16:30 17.32
9/26/99 2:35 18.03	9/26/99 7:15 18.07	9/26/99 11:55 17.36	9/26/99 16:35 17.32
9/26/99 2:40 17.99	9/26/99 7:20 18.03	9/26/99 12:00 17.36	9/26/99 16:40 17.28
9/26/99 2:45 17.99	9/26/99 7:25 18.03	9/26/99 12:05 17.36	9/26/99 16:45 17.28
9/26/99 2:50 17.99	9/26/99 7:30 18.03	9/26/99 12:10 17.36	9/26/99 16:50 17.32
9/26/99 2:55 17.99	9/26/99 7:35 17.99	9/26/99 12:15 17.32	9/26/99 16:55 17.28
9/26/99 3:00 17.95	9/26/99 7:40 17.99	9/26/99 12:20 17.32	9/26/99 17:00 17.32
9/26/99 3:05 17.95	9/26/99 7:45 17.95	9/26/99 12:25 17.32	9/26/99 17:05 17.32
9/26/99 3:10 17.95	9/26/99 7:50 17.95	9/26/99 12:30 17.32	9/26/99 17:10 17.32
9/26/99 3:15 17.95	9/26/99 7:55 17.91	9/26/99 12:35 17.32	9/26/99 17:15 17.32
9/26/99 3:20 17.95	9/26/99 8:00 17.87	9/26/99 12:40 17.28	9/26/99 17:20 17.32
9/26/99 3:25 17.95	9/26/99 8:05 17.91	9/26/99 12:45 17.32	9/26/99 17:25 17.32
9/26/99 3:30 17.95	9/26/99 8:10 17.87	9/26/99 12:50 17.28	9/26/99 17:30 17.32
9/26/99 3:35 17.95	9/26/99 8:15 17.87	9/26/99 12:55 17.28	9/26/99 17:35 17.32
9/26/99 3:40 17.91	9/26/99 8:20 17.83	9/26/99 13:00 17.28	9/26/99 17:40 17.32
9/26/99 3:45 17.95	9/26/99 8:25 17.83	9/26/99 13:05 17.28	9/26/99 17:45 17.32
9/26/99 3:50 17.95	9/26/99 8:30 17.79	9/26/99 13:10 17.28	9/26/99 17:50 17.36
9/26/99 3:55 17.95	9/26/99 8:35 17.79	9/26/99 13:15 17.28	9/26/99 17:55 17.36
9/26/99 4:00 17.95	9/26/99 8:40 17.75	9/26/99 13:20 17.28	9/26/99 18:00 17.36
9/26/99 4:05 17.95	9/26/99 8:45 17.71	9/26/99 13:25 17.28	9/26/99 18:05 17.36
9/26/99 4:10 17.95	9/26/99 8:50 17.71	9/26/99 13:30 17.28	9/26/99 18:10 17.36
9/26/99 4:15 17.95	9/26/99 8:55 17.71	9/26/99 13:35 17.28	9/26/99 18:15 17.4
9/26/99 4:20 17.95	9/26/99 9:00 17.71	9/26/99 13:40 17.25	9/26/99 18:20 17.4
9/26/99 4:25 17.95	9/26/99 9:05 17.67	9/26/99 13:45 17.28	9/26/99 18:25 17.36
9/26/99 4:30 17.95	9/26/99 9:10 17.67	9/26/99 13:50 17.28	9/26/99 18:30 17.36
9/26/99 4:35 17.95	9/26/99 9:15 17.64	9/26/99 13:55 17.28	9/26/99 18:35 17.36
9/26/99 4:40 17.95	9/26/99 9:20 17.64	9/26/99 14:00 17.28	9/26/99 18:40 17.4
9/26/99 4:45 17.95	9/26/99 9:25 17.6	9/26/99 14:05 17.28	9/26/99 18:45 17.4
9/26/99 4:50 17.99	9/26/99 9:30 17.6	9/26/99 14:10 17.28	9/26/99 18:50 17.4

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/26/99 18:55 17.4	9/26/99 23:35 17.64	9/27/99 4:15 17.83	9/27/99 8:55 18.1
9/26/99 19:00 17.4	9/26/99 23:40 17.64	9/27/99 4:20 17.83	9/27/99 9:00 18.1
9/26/99 19:05 17.4	9/26/99 23:45 17.64	9/27/99 4:25 17.87	9/27/99 9:05 18.1
9/26/99 19:10 17.44	9/26/99 23:50 17.64	9/27/99 4:30 17.87	9/27/99 9:10 18.1
9/26/99 19:15 17.44	9/26/99 23:55 17.64	9/27/99 4:35 17.83	9/27/99 9:15 18.1
9/26/99 19:20 17.44	9/27/99 0:00 17.64	9/27/99 4:40 17.83	9/27/99 9:20 18.1
9/26/99 19:25 17.44	9/27/99 0:05 17.67	9/27/99 4:45 17.83	9/27/99 9:25 18.1
9/26/99 19:30 17.44	9/27/99 0:10 17.67	9/27/99 4:50 17.83	9/27/99 9:30 18.1
9/26/99 19:35 17.44	9/27/99 0:15 17.67	9/27/99 4:55 17.87	9/27/99 9:35 18.1
9/26/99 19:40 17.44	9/27/99 0:20 17.67	9/27/99 5:00 17.87	9/27/99 9:40 18.1
9/26/99 19:45 17.48	9/27/99 0:25 17.67	9/27/99 5:05 17.87	9/27/99 9:45 18.1
9/26/99 19:50 17.48	9/27/99 0:30 17.67	9/27/99 5:10 17.87	9/27/99 9:50 18.14
9/26/99 19:55 17.48	9/27/99 0:35 17.67	9/27/99 5:15 17.91	9/27/99 9:55 18.14
9/26/99 20:00 17.48	9/27/99 0:40 17.67	9/27/99 5:20 17.91	9/27/99 10:00 18.14
9/26/99 20:05 17.48	9/27/99 0:45 17.67	9/27/99 5:25 17.91	9/27/99 10:05 18.14
9/26/99 20:10 17.48	9/27/99 0:50 17.67	9/27/99 5:30 17.87	9/27/99 10:10 18.18
9/26/99 20:15 17.48	9/27/99 0:55 17.71	9/27/99 5:35 17.87	9/27/99 10:15 18.18
9/26/99 20:20 17.48	9/27/99 1:00 17.67	9/27/99 5:40 17.91	9/27/99 10:20 18.18
9/26/99 20:25 17.48	9/27/99 1:05 17.67	9/27/99 5:45 17.91	9/27/99 10:25 18.14
9/26/99 20:30 17.48	9/27/99 1:10 17.71	9/27/99 5:50 17.95	9/27/99 10:30 18.14
9/26/99 20:35 17.52	9/27/99 1:15 17.71	9/27/99 5:55 17.95	9/27/99 10:35 18.18
9/26/99 20:40 17.52	9/27/99 1:20 17.71	9/27/99 6:00 17.95	9/27/99 10:40 18.18
9/26/99 20:45 17.52	9/27/99 1:25 17.71	9/27/99 6:05 17.95	9/27/99 10:45 18.18
9/26/99 20:50 17.52	9/27/99 1:30 17.71	9/27/99 6:10 17.95	9/27/99 10:50 18.18
9/26/99 20:55 17.52	9/27/99 1:35 17.71	9/27/99 6:15 17.91	9/27/99 10:55 18.18
9/26/99 21:00 17.52	9/27/99 1:40 17.71	9/27/99 6:20 17.95	9/27/99 11:00 18.22
9/26/99 21:05 17.52	9/27/99 1:45 17.71	9/27/99 6:25 17.95	9/27/99 11:05 18.22
9/26/99 21:10 17.52	9/27/99 1:50 17.71	9/27/99 6:30 17.95	9/27/99 11:10 18.22
9/26/99 21:15 17.52	9/27/99 1:55 17.71	9/27/99 6:35 17.99	9/27/99 11:15 18.22
9/26/99 21:20 17.56	9/27/99 2:00 17.71	9/27/99 6:40 17.99	9/27/99 11:20 18.22
9/26/99 21:25 17.56	9/27/99 2:05 17.71	9/27/99 6:45 17.99	9/27/99 11:25 18.22
9/26/99 21:30 17.56	9/27/99 2:10 17.75	9/27/99 6:50 17.99	9/27/99 11:30 18.26
9/26/99 21:35 17.56	9/27/99 2:15 17.71	9/27/99 6:55 17.95	9/27/99 11:35 18.26
9/26/99 21:40 17.56	9/27/99 2:20 17.79	9/27/99 7:00 17.99	9/27/99 11:40 18.26
9/26/99 21:45 17.56	9/27/99 2:25 17.75	9/27/99 7:05 17.99	9/27/99 11:45 18.26
9/26/99 21:50 17.56	9/27/99 2:30 17.79	9/27/99 7:10 17.99	9/27/99 11:50 18.3
9/26/99 21:55 17.56	9/27/99 2:35 17.79	9/27/99 7:15 17.99	9/27/99 11:55 18.3
9/26/99 22:00 17.56	9/27/99 2:40 17.79	9/27/99 7:20 17.99	9/27/99 12:00 18.3
9/26/99 22:05 17.56	9/27/99 2:45 17.75	9/27/99 7:25 18.03	9/27/99 12:05 18.3
9/26/99 22:10 17.56	9/27/99 2:50 17.75	9/27/99 7:30 18.03	9/27/99 12:10 18.3
9/26/99 22:15 17.56	9/27/99 2:55 17.79	9/27/99 7:35 18.03	9/27/99 12:15 18.3
9/26/99 22:20 17.56	9/27/99 3:00 17.79	9/27/99 7:40 18.03	9/27/99 12:20 18.3
9/26/99 22:25 17.56	9/27/99 3:05 17.79	9/27/99 7:45 18.03	9/27/99 12:25 18.3
9/26/99 22:30 17.6	9/27/99 3:10 17.79	9/27/99 7:50 18.03	9/27/99 12:30 18.3
9/26/99 22:35 17.6	9/27/99 3:15 17.79	9/27/99 7:55 18.03	9/27/99 12:35 18.3
9/26/99 22:40 17.6	9/27/99 3:20 17.79	9/27/99 8:00 18.03	9/27/99 12:40 18.34
9/26/99 22:45 17.6	9/27/99 3:25 17.79	9/27/99 8:05 18.03	9/27/99 12:45 18.3
9/26/99 22:50 17.6	9/27/99 3:30 17.83	9/27/99 8:10 18.07	9/27/99 12:50 18.34
9/26/99 22:55 17.6	9/27/99 3:35 17.79	9/27/99 8:15 18.07	9/27/99 12:55 18.34
9/26/99 23:00 17.6	9/27/99 3:40 17.83	9/27/99 8:20 18.07	9/27/99 13:00 18.34
9/26/99 23:05 17.6	9/27/99 3:45 17.83	9/27/99 8:25 18.07	9/27/99 13:05 18.34
9/26/99 23:10 17.64	9/27/99 3:50 17.83	9/27/99 8:30 18.07	9/27/99 13:10 18.34
9/26/99 23:15 17.64	9/27/99 3:55 17.79	9/27/99 8:35 18.07	9/27/99 13:15 18.34
9/26/99 23:20 17.64	9/27/99 4:00 17.79	9/27/99 8:40 18.07	9/27/99 13:20 18.34
9/26/99 23:25 17.64	9/27/99 4:05 17.79	9/27/99 8:45 18.07	9/27/99 13:25 18.34
9/26/99 23:30 17.64	9/27/99 4:10 17.79	9/27/99 8:50 18.1	9/27/99 13:30 18.34

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/27/99 13:35 18.34	9/27/99 18:15 18.53	9/27/99 22:55 18.65	9/28/99 3:35 18.73
9/27/99 13:40 18.34	9/27/99 18:20 18.53	9/27/99 23:00 18.65	9/28/99 3:40 18.73
9/27/99 13:45 18.38	9/27/99 18:25 18.53	9/27/99 23:05 18.65	9/28/99 3:45 18.73
9/27/99 13:50 18.38	9/27/99 18:30 18.53	9/27/99 23:10 18.65	9/28/99 3:50 18.73
9/27/99 13:55 18.38	9/27/99 18:35 18.53	9/27/99 23:15 18.65	9/28/99 3:55 18.73
9/27/99 14:00 18.38	9/27/99 18:40 18.53	9/27/99 23:20 18.65	9/28/99 4:00 18.73
9/27/99 14:05 18.38	9/27/99 18:45 18.53	9/27/99 23:25 18.65	9/28/99 4:05 18.73
9/27/99 14:10 18.38	9/27/99 18:50 18.53	9/27/99 23:30 18.65	9/28/99 4:10 18.73
9/27/99 14:15 18.38	9/27/99 18:55 18.53	9/27/99 23:35 18.65	9/28/99 4:15 18.73
9/27/99 14:20 18.38	9/27/99 19:00 18.53	9/27/99 23:40 18.65	9/28/99 4:20 18.73
9/27/99 14:25 18.38	9/27/99 19:05 18.53	9/27/99 23:45 18.65	9/28/99 4:25 18.73
9/27/99 14:30 18.38	9/27/99 19:10 18.53	9/27/99 23:50 18.65	9/28/99 4:30 18.73
9/27/99 14:35 18.38	9/27/99 19:15 18.53	9/27/99 23:55 18.65	9/28/99 4:35 18.73
9/27/99 14:40 18.38	9/27/99 19:20 18.57	9/28/99 0:00 18.65	9/28/99 4:40 18.73
9/27/99 14:45 18.38	9/27/99 19:25 18.57	9/28/99 0:05 18.65	9/28/99 4:45 18.73
9/27/99 14:50 18.38	9/27/99 19:30 18.57	9/28/99 0:10 18.65	9/28/99 4:50 18.73
9/27/99 14:55 18.38	9/27/99 19:35 18.57	9/28/99 0:15 18.65	9/28/99 4:55 18.73
9/27/99 15:00 18.42	9/27/99 19:40 18.57	9/28/99 0:20 18.65	9/28/99 5:00 18.73
9/27/99 15:05 18.42	9/27/99 19:45 18.57	9/28/99 0:25 18.65	9/28/99 5:05 18.73
9/27/99 15:10 18.42	9/27/99 19:50 18.57	9/28/99 0:30 18.65	9/28/99 5:10 18.73
9/27/99 15:15 18.46	9/27/99 19:55 18.57	9/28/99 0:35 18.65	9/28/99 5:15 18.73
9/27/99 15:20 18.46	9/27/99 20:00 18.57	9/28/99 0:40 18.65	9/28/99 5:20 18.77
9/27/99 15:25 18.46	9/27/99 20:05 18.57	9/28/99 0:45 18.65	9/28/99 5:25 18.77
9/27/99 15:30 18.46	9/27/99 20:10 18.57	9/28/99 0:50 18.65	9/28/99 5:30 18.73
9/27/99 15:35 18.46	9/27/99 20:15 18.57	9/28/99 0:55 18.65	9/28/99 5:35 18.77
9/27/99 15:40 18.46	9/27/99 20:20 18.57	9/28/99 1:00 18.65	9/28/99 5:40 18.77
9/27/99 15:45 18.46	9/27/99 20:25 18.61	9/28/99 1:05 18.69	9/28/99 5:45 18.77
9/27/99 15:50 18.46	9/27/99 20:30 18.61	9/28/99 1:10 18.69	9/28/99 5:50 18.77
9/27/99 15:55 18.46	9/27/99 20:35 18.61	9/28/99 1:15 18.65	9/28/99 5:55 18.77
9/27/99 16:00 18.46	9/27/99 20:40 18.61	9/28/99 1:20 18.69	9/28/99 6:00 18.77
9/27/99 16:05 18.46	9/27/99 20:45 18.61	9/28/99 1:25 18.69	9/28/99 6:05 18.73
9/27/99 16:10 18.46	9/27/99 20:50 18.61	9/28/99 1:30 18.69	9/28/99 6:10 18.73
9/27/99 16:15 18.46	9/27/99 20:55 18.61	9/28/99 1:35 18.69	9/28/99 6:15 18.73
9/27/99 16:20 18.46	9/27/99 21:00 18.61	9/28/99 1:40 18.69	9/28/99 6:20 18.73
9/27/99 16:25 18.46	9/27/99 21:05 18.61	9/28/99 1:45 18.69	9/28/99 6:25 18.73
9/27/99 16:30 18.46	9/27/99 21:10 18.61	9/28/99 1:50 18.69	9/28/99 6:30 18.73
9/27/99 16:35 18.46	9/27/99 21:15 18.61	9/28/99 1:55 18.69	9/28/99 6:35 18.73
9/27/99 16:40 18.46	9/27/99 21:20 18.61	9/28/99 2:00 18.69	9/28/99 6:40 18.73
9/27/99 16:45 18.46	9/27/99 21:25 18.61	9/28/99 2:05 18.69	9/28/99 6:45 18.73
9/27/99 16:50 18.46	9/27/99 21:30 18.61	9/28/99 2:10 18.69	9/28/99 6:50 18.73
9/27/99 16:55 18.46	9/27/99 21:35 18.61	9/28/99 2:15 18.69	9/28/99 6:55 18.73
9/27/99 17:00 18.46	9/27/99 21:40 18.61	9/28/99 2:20 18.69	9/28/99 7:00 18.73
9/27/99 17:05 18.46	9/27/99 21:45 18.61	9/28/99 2:25 18.69	9/28/99 7:05 18.73
9/27/99 17:10 18.46	9/27/99 21:50 18.61	9/28/99 2:30 18.69	9/28/99 7:10 18.73
9/27/99 17:15 18.46	9/27/99 21:55 18.65	9/28/99 2:35 18.69	9/28/99 7:15 18.73
9/27/99 17:20 18.46	9/27/99 22:00 18.61	9/28/99 2:40 18.69	9/28/99 7:20 18.73
9/27/99 17:25 18.46	9/27/99 22:05 18.65	9/28/99 2:45 18.69	9/28/99 7:25 18.77
9/27/99 17:30 18.46	9/27/99 22:10 18.61	9/28/99 2:50 18.69	9/28/99 7:30 18.77
9/27/99 17:35 18.46	9/27/99 22:15 18.65	9/28/99 2:55 18.69	9/28/99 7:35 18.77
9/27/99 17:40 18.46	9/27/99 22:20 18.65	9/28/99 3:00 18.73	9/28/99 7:40 18.77
9/27/99 17:45 18.46	9/27/99 22:25 18.65	9/28/99 3:05 18.69	9/28/99 7:45 18.77
9/27/99 17:50 18.5	9/27/99 22:30 18.65	9/28/99 3:10 18.73	9/28/99 7:50 18.77
9/27/99 17:55 18.5	9/27/99 22:35 18.65	9/28/99 3:15 18.73	9/28/99 7:55 18.77
9/27/99 18:00 18.5	9/27/99 22:40 18.65	9/28/99 3:20 18.73	9/28/99 8:00 18.73
9/27/99 18:05 18.5	9/27/99 22:45 18.65	9/28/99 3:25 18.73	9/28/99 8:05 18.73
9/27/99 18:10 18.5	9/27/99 22:50 18.65	9/28/99 3:30 18.73	9/28/99 8:10 18.73

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/28/99 8:15 18.73	9/28/99 12:55 18.61	9/28/99 17:35 18.69	9/28/99 22:15 18.85
9/28/99 8:20 18.73	9/28/99 13:00 18.61	9/28/99 17:40 18.69	9/28/99 22:20 18.85
9/28/99 8:25 18.73	9/28/99 13:05 18.61	9/28/99 17:45 18.69	9/28/99 22:25 18.85
9/28/99 8:30 18.73	9/28/99 13:10 18.61	9/28/99 17:50 18.69	9/28/99 22:30 18.85
9/28/99 8:35 18.73	9/28/99 13:15 18.61	9/28/99 17:55 18.69	9/28/99 22:35 18.89
9/28/99 8:40 18.77	9/28/99 13:20 18.65	9/28/99 18:00 18.73	9/28/99 22:40 18.92
9/28/99 8:45 18.77	9/28/99 13:25 18.61	9/28/99 18:05 18.69	9/28/99 22:45 18.89
9/28/99 8:50 18.73	9/28/99 13:30 18.61	9/28/99 18:10 18.69	9/28/99 22:50 18.89
9/28/99 8:55 18.73	9/28/99 13:35 18.61	9/28/99 18:15 18.69	9/28/99 22:55 18.89
9/28/99 9:00 18.73	9/28/99 13:40 18.61	9/28/99 18:20 18.73	9/28/99 23:00 18.89
9/28/99 9:05 18.73	9/28/99 13:45 18.61	9/28/99 18:25 18.73	9/28/99 23:05 18.89
9/28/99 9:10 18.69	9/28/99 13:50 18.61	9/28/99 18:30 18.73	9/28/99 23:10 18.89
9/28/99 9:15 18.73	9/28/99 13:55 18.61	9/28/99 18:35 18.73	9/28/99 23:15 18.89
9/28/99 9:20 18.73	9/28/99 14:00 18.61	9/28/99 18:40 18.77	9/28/99 23:20 18.89
9/28/99 9:25 18.69	9/28/99 14:05 18.65	9/28/99 18:45 18.77	9/28/99 23:25 18.89
9/28/99 9:30 18.69	9/28/99 14:10 18.65	9/28/99 18:50 18.77	9/28/99 23:30 18.89
9/28/99 9:35 18.69	9/28/99 14:15 18.61	9/28/99 18:55 18.77	9/28/99 23:35 18.89
9/28/99 9:40 18.69	9/28/99 14:20 18.61	9/28/99 19:00 18.77	9/28/99 23:40 18.92
9/28/99 9:45 18.69	9/28/99 14:25 18.61	9/28/99 19:05 18.77	9/28/99 23:45 18.92
9/28/99 9:50 18.65	9/28/99 14:30 18.65	9/28/99 19:10 18.81	9/28/99 23:50 18.92
9/28/99 9:55 18.65	9/28/99 14:35 18.65	9/28/99 19:15 18.81	9/28/99 23:55 18.92
9/28/99 10:00 18.65	9/28/99 14:40 18.65	9/28/99 19:20 18.81	9/29/99 0:00 18.92
9/28/99 10:05 18.69	9/28/99 14:45 18.65	9/28/99 19:25 18.77	9/29/99 0:05 18.92
9/28/99 10:10 18.69	9/28/99 14:50 18.65	9/28/99 19:30 18.77	9/29/99 0:10 18.92
9/28/99 10:15 18.69	9/28/99 14:55 18.65	9/28/99 19:35 18.77	9/29/99 0:15 18.92
9/28/99 10:20 18.65	9/28/99 15:00 18.61	9/28/99 19:40 18.77	9/29/99 0:20 18.92
9/28/99 10:25 18.65	9/28/99 15:05 18.65	9/28/99 19:45 18.77	9/29/99 0:25 18.92
9/28/99 10:30 18.65	9/28/99 15:10 18.65	9/28/99 19:50 18.81	9/29/99 0:30 18.92
9/28/99 10:35 18.65	9/28/99 15:15 18.65	9/28/99 19:55 18.81	9/29/99 0:35 18.92
9/28/99 10:40 18.65	9/28/99 15:20 18.65	9/28/99 20:00 18.81	9/29/99 0:40 18.92
9/28/99 10:45 18.65	9/28/99 15:25 18.65	9/28/99 20:05 18.81	9/29/99 0:45 18.92
9/28/99 10:50 18.61	9/28/99 15:30 18.65	9/28/99 20:10 18.81	9/29/99 0:50 18.92
9/28/99 10:55 18.65	9/28/99 15:35 18.65	9/28/99 20:15 18.81	9/29/99 0:55 18.92
9/28/99 11:00 18.61	9/28/99 15:40 18.65	9/28/99 20:20 18.81	9/29/99 1:00 18.92
9/28/99 11:05 18.61	9/28/99 15:45 18.65	9/28/99 20:25 18.81	9/29/99 1:05 18.92
9/28/99 11:10 18.61	9/28/99 15:50 18.61	9/28/99 20:30 18.85	9/29/99 1:10 18.92
9/28/99 11:15 18.61	9/28/99 15:55 18.61	9/28/99 20:35 18.85	9/29/99 1:15 18.96
9/28/99 11:20 18.61	9/28/99 16:00 18.65	9/28/99 20:40 18.85	9/29/99 1:20 18.92
9/28/99 11:25 18.61	9/28/99 16:05 18.61	9/28/99 20:45 18.85	9/29/99 1:25 18.96
9/28/99 11:30 18.61	9/28/99 16:10 18.61	9/28/99 20:50 18.85	9/29/99 1:30 18.96
9/28/99 11:35 18.61	9/28/99 16:15 18.61	9/28/99 20:55 18.85	9/29/99 1:35 18.96
9/28/99 11:40 18.61	9/28/99 16:20 18.65	9/28/99 21:00 18.85	9/29/99 1:40 18.96
9/28/99 11:45 18.61	9/28/99 16:25 18.65	9/28/99 21:05 18.85	9/29/99 1:45 18.96
9/28/99 11:50 18.61	9/28/99 16:30 18.65	9/28/99 21:10 18.85	9/29/99 1:50 18.96
9/28/99 11:55 18.61	9/28/99 16:35 18.65	9/28/99 21:15 18.85	9/29/99 1:55 18.96
9/28/99 12:00 18.61	9/28/99 16:40 18.65	9/28/99 21:20 18.89	9/29/99 2:00 18.96
9/28/99 12:05 18.61	9/28/99 16:45 18.65	9/28/99 21:25 18.89	9/29/99 2:05 18.96
9/28/99 12:10 18.61	9/28/99 16:50 18.65	9/28/99 21:30 18.89	9/29/99 2:10 18.96
9/28/99 12:15 18.61	9/28/99 16:55 18.65	9/28/99 21:35 18.89	9/29/99 2:15 18.96
9/28/99 12:20 18.61	9/28/99 17:00 18.65	9/28/99 21:40 18.89	9/29/99 2:20 18.96
9/28/99 12:25 18.61	9/28/99 17:05 18.69	9/28/99 21:45 18.89	9/29/99 2:25 18.96
9/28/99 12:30 18.61	9/28/99 17:10 18.69	9/28/99 21:50 18.89	9/29/99 2:30 18.96
9/28/99 12:35 18.61	9/28/99 17:15 18.69	9/28/99 21:55 18.89	9/29/99 2:35 18.96
9/28/99 12:40 18.61	9/28/99 17:20 18.69	9/28/99 22:00 18.89	9/29/99 2:40 18.96
9/28/99 12:45 18.61	9/28/99 17:25 18.65	9/28/99 22:05 18.89	9/29/99 2:45 18.96
9/28/99 12:50 18.61	9/28/99 17:30 18.65	9/28/99 22:10 18.89	9/29/99 2:50 18.96

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/29/99 2:55 18.96	9/29/99 7:35 18.92	9/29/99 12:15 18.81	9/29/99 16:55 18.81
9/29/99 3:00 18.96	9/29/99 7:40 18.92	9/29/99 12:20 18.81	9/29/99 17:00 18.81
9/29/99 3:05 18.96	9/29/99 7:45 18.96	9/29/99 12:25 18.81	9/29/99 17:05 18.81
9/29/99 3:10 18.96	9/29/99 7:50 18.92	9/29/99 12:30 18.81	9/29/99 17:10 18.81
9/29/99 3:15 18.96	9/29/99 7:55 18.92	9/29/99 12:35 18.81	9/29/99 17:15 18.85
9/29/99 3:20 18.96	9/29/99 8:00 18.92	9/29/99 12:40 18.77	9/29/99 17:20 18.85
9/29/99 3:25 18.96	9/29/99 8:05 18.92	9/29/99 12:45 18.81	9/29/99 17:25 18.81
9/29/99 3:30 18.96	9/29/99 8:10 18.92	9/29/99 12:50 18.77	9/29/99 17:30 18.81
9/29/99 3:35 18.96	9/29/99 8:15 18.92	9/29/99 12:55 18.77	9/29/99 17:35 18.81
9/29/99 3:40 18.96	9/29/99 8:20 18.89	9/29/99 13:00 18.77	9/29/99 17:40 18.81
9/29/99 3:45 18.96	9/29/99 8:25 18.89	9/29/99 13:05 18.77	9/29/99 17:45 18.85
9/29/99 3:50 18.96	9/29/99 8:30 18.89	9/29/99 13:10 18.77	9/29/99 17:50 18.85
9/29/99 3:55 18.96	9/29/99 8:35 18.89	9/29/99 13:15 18.77	9/29/99 17:55 18.85
9/29/99 4:00 18.96	9/29/99 8:40 18.92	9/29/99 13:20 18.77	9/29/99 18:00 18.85
9/29/99 4:05 18.96	9/29/99 8:45 18.89	9/29/99 13:25 18.81	9/29/99 18:05 18.85
9/29/99 4:10 18.96	9/29/99 8:50 18.89	9/29/99 13:30 18.77	9/29/99 18:10 18.85
9/29/99 4:15 18.96	9/29/99 8:55 18.89	9/29/99 13:35 18.81	9/29/99 18:15 18.89
9/29/99 4:20 18.96	9/29/99 9:00 18.89	9/29/99 13:40 18.81	9/29/99 18:20 18.89
9/29/99 4:25 18.96	9/29/99 9:05 18.85	9/29/99 13:45 18.81	9/29/99 18:25 18.89
9/29/99 4:30 18.96	9/29/99 9:10 18.85	9/29/99 13:50 18.81	9/29/99 18:30 18.89
9/29/99 4:35 18.96	9/29/99 9:15 18.85	9/29/99 13:55 18.81	9/29/99 18:35 18.89
9/29/99 4:40 18.96	9/29/99 9:20 18.85	9/29/99 14:00 18.81	9/29/99 18:40 18.89
9/29/99 4:45 18.96	9/29/99 9:25 18.85	9/29/99 14:05 18.81	9/29/99 18:45 18.89
9/29/99 4:50 18.96	9/29/99 9:30 18.85	9/29/99 14:10 18.81	9/29/99 18:50 18.85
9/29/99 4:55 18.96	9/29/99 9:35 18.85	9/29/99 14:15 18.81	9/29/99 18:55 18.89
9/29/99 5:00 18.96	9/29/99 9:40 18.85	9/29/99 14:20 18.81	9/29/99 19:00 18.85
9/29/99 5:05 18.96	9/29/99 9:45 18.85	9/29/99 14:25 18.81	9/29/99 19:05 18.89
9/29/99 5:10 18.96	9/29/99 9:50 18.85	9/29/99 14:30 18.81	9/29/99 19:10 18.92
9/29/99 5:15 18.96	9/29/99 9:55 18.81	9/29/99 14:35 18.81	9/29/99 19:15 18.89
9/29/99 5:20 18.96	9/29/99 10:00 18.81	9/29/99 14:40 18.77	9/29/99 19:20 18.89
9/29/99 5:25 18.96	9/29/99 10:05 18.85	9/29/99 14:45 18.81	9/29/99 19:25 18.92
9/29/99 5:30 18.96	9/29/99 10:10 18.85	9/29/99 14:50 18.81	9/29/99 19:30 18.89
9/29/99 5:35 18.96	9/29/99 10:15 18.85	9/29/99 14:55 18.81	9/29/99 19:35 18.89
9/29/99 5:40 18.96	9/29/99 10:20 18.85	9/29/99 15:00 18.77	9/29/99 19:40 18.92
9/29/99 5:45 18.96	9/29/99 10:25 18.85	9/29/99 15:05 18.77	9/29/99 19:45 18.89
9/29/99 5:50 18.96	9/29/99 10:30 18.85	9/29/99 15:10 18.77	9/29/99 19:50 18.89
9/29/99 5:55 18.96	9/29/99 10:35 18.85	9/29/99 15:15 18.77	9/29/99 19:55 18.89
9/29/99 6:00 18.96	9/29/99 10:40 18.85	9/29/99 15:20 18.77	9/29/99 20:00 18.89
9/29/99 6:05 18.96	9/29/99 10:45 18.85	9/29/99 15:25 18.81	9/29/99 20:05 18.89
9/29/99 6:10 18.96	9/29/99 10:50 18.85	9/29/99 15:30 18.81	9/29/99 20:10 18.89
9/29/99 6:15 18.96	9/29/99 10:55 18.85	9/29/99 15:35 18.81	9/29/99 20:15 18.89
9/29/99 6:20 18.92	9/29/99 11:00 18.85	9/29/99 15:40 18.81	9/29/99 20:20 18.89
9/29/99 6:25 18.92	9/29/99 11:05 18.85	9/29/99 15:45 18.81	9/29/99 20:25 18.89
9/29/99 6:30 18.92	9/29/99 11:10 18.81	9/29/99 15:50 18.81	9/29/99 20:30 18.89
9/29/99 6:35 18.92	9/29/99 11:15 18.81	9/29/99 15:55 18.77	9/29/99 20:35 18.89
9/29/99 6:40 18.96	9/29/99 11:20 18.81	9/29/99 16:00 18.77	9/29/99 20:40 18.89
9/29/99 6:45 18.96	9/29/99 11:25 18.81	9/29/99 16:05 18.77	9/29/99 20:45 18.89
9/29/99 6:50 18.96	9/29/99 11:30 18.81	9/29/99 16:10 18.77	9/29/99 20:50 18.89
9/29/99 6:55 18.96	9/29/99 11:35 18.81	9/29/99 16:15 18.77	9/29/99 20:55 18.89
9/29/99 7:00 18.96	9/29/99 11:40 18.81	9/29/99 16:20 18.77	9/29/99 21:00 18.89
9/29/99 7:05 18.96	9/29/99 11:45 18.81	9/29/99 16:25 18.77	9/29/99 21:05 18.89
9/29/99 7:10 18.96	9/29/99 11:50 18.81	9/29/99 16:30 18.77	9/29/99 21:10 18.89
9/29/99 7:15 18.96	9/29/99 11:55 18.81	9/29/99 16:35 18.81	9/29/99 21:15 18.89
9/29/99 7:20 18.96	9/29/99 12:00 18.81	9/29/99 16:40 18.81	9/29/99 21:20 18.92
9/29/99 7:25 18.92	9/29/99 12:05 18.81	9/29/99 16:45 18.81	9/29/99 21:25 18.92
9/29/99 7:30 18.92	9/29/99 12:10 18.81	9/29/99 16:50 18.81	9/29/99 21:30 18.92

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/29/99 21:35 18.92	9/30/99 2:15 18.96	9/30/99 6:55 19	9/30/99 11:35 18.89
9/29/99 21:40 18.92	9/30/99 2:20 18.96	9/30/99 7:00 19	9/30/99 11:40 18.89
9/29/99 21:45 18.92	9/30/99 2:25 18.96	9/30/99 7:05 19	9/30/99 11:45 18.89
9/29/99 21:50 18.92	9/30/99 2:30 18.96	9/30/99 7:10 19	9/30/99 11:50 18.89
9/29/99 21:55 18.92	9/30/99 2:35 18.92	9/30/99 7:15 19	9/30/99 11:55 18.89
9/29/99 22:00 18.92	9/30/99 2:40 18.96	9/30/99 7:20 19	9/30/99 12:00 18.89
9/29/99 22:05 18.92	9/30/99 2:45 18.96	9/30/99 7:25 19	9/30/99 12:05 18.89
9/29/99 22:10 18.92	9/30/99 2:50 18.96	9/30/99 7:30 19	9/30/99 12:10 18.89
9/29/99 22:15 18.92	9/30/99 2:55 18.96	9/30/99 7:35 19	9/30/99 12:15 18.89
9/29/99 22:20 18.92	9/30/99 3:00 18.96	9/30/99 7:40 19	9/30/99 12:20 18.89
9/29/99 22:25 18.92	9/30/99 3:05 18.96	9/30/99 7:45 19	9/30/99 12:25 18.89
9/29/99 22:30 18.92	9/30/99 3:10 18.96	9/30/99 7:50 19	9/30/99 12:30 18.89
9/29/99 22:35 18.92	9/30/99 3:15 19	9/30/99 7:55 19	9/30/99 12:35 18.89
9/29/99 22:40 18.92	9/30/99 3:20 18.96	9/30/99 8:00 19	9/30/99 12:40 18.89
9/29/99 22:45 18.92	9/30/99 3:25 19	9/30/99 8:05 18.96	9/30/99 12:45 18.85
9/29/99 22:50 18.92	9/30/99 3:30 19	9/30/99 8:10 18.96	9/30/99 12:50 18.85
9/29/99 22:55 18.92	9/30/99 3:35 19	9/30/99 8:15 18.96	9/30/99 12:55 18.89
9/29/99 23:00 18.92	9/30/99 3:40 19	9/30/99 8:20 18.96	9/30/99 13:00 18.89
9/29/99 23:05 18.92	9/30/99 3:45 19	9/30/99 8:25 18.96	9/30/99 13:05 18.89
9/29/99 23:10 18.92	9/30/99 3:50 19	9/30/99 8:30 18.96	9/30/99 13:10 18.85
9/29/99 23:15 18.96	9/30/99 3:55 19	9/30/99 8:35 19	9/30/99 13:15 18.85
9/29/99 23:20 18.96	9/30/99 4:00 19	9/30/99 8:40 18.96	9/30/99 13:20 18.85
9/29/99 23:25 18.96	9/30/99 4:05 19	9/30/99 8:45 18.96	9/30/99 13:25 18.85
9/29/99 23:30 18.96	9/30/99 4:10 19	9/30/99 8:50 18.96	9/30/99 13:30 18.85
9/29/99 23:35 18.96	9/30/99 4:15 19	9/30/99 8:55 18.96	9/30/99 13:35 18.85
9/29/99 23:40 18.96	9/30/99 4:20 19	9/30/99 9:00 18.96	9/30/99 13:40 18.85
9/29/99 23:45 18.96	9/30/99 4:25 19	9/30/99 9:05 18.96	9/30/99 13:45 18.85
9/29/99 23:50 18.96	9/30/99 4:30 19	9/30/99 9:10 18.96	9/30/99 13:50 18.85
9/29/99 23:55 18.96	9/30/99 4:35 19	9/30/99 9:15 18.92	9/30/99 13:55 18.85
9/30/99 0:00 18.96	9/30/99 4:40 19	9/30/99 9:20 18.92	9/30/99 14:00 18.81
9/30/99 0:05 18.96	9/30/99 4:45 19	9/30/99 9:25 18.92	9/30/99 14:05 18.81
9/30/99 0:10 18.96	9/30/99 4:50 19	9/30/99 9:30 18.92	9/30/99 14:10 18.81
9/30/99 0:15 18.96	9/30/99 4:55 19	9/30/99 9:35 18.92	9/30/99 14:15 18.81
9/30/99 0:20 18.96	9/30/99 5:00 19	9/30/99 9:40 18.92	9/30/99 14:20 18.81
9/30/99 0:25 18.96	9/30/99 5:05 19	9/30/99 9:45 18.92	9/30/99 14:25 18.81
9/30/99 0:30 18.96	9/30/99 5:10 19	9/30/99 9:50 18.92	9/30/99 14:30 18.81
9/30/99 0:35 18.96	9/30/99 5:15 19	9/30/99 9:55 18.92	9/30/99 14:35 18.81
9/30/99 0:40 18.96	9/30/99 5:20 19	9/30/99 10:00 18.92	9/30/99 14:40 18.81
9/30/99 0:45 18.96	9/30/99 5:25 19	9/30/99 10:05 18.92	9/30/99 14:45 18.81
9/30/99 0:50 18.96	9/30/99 5:30 19	9/30/99 10:10 18.92	9/30/99 14:50 18.81
9/30/99 0:55 18.96	9/30/99 5:35 19	9/30/99 10:15 18.92	9/30/99 14:55 18.81
9/30/99 1:00 18.96	9/30/99 5:40 19	9/30/99 10:20 18.92	9/30/99 15:00 18.81
9/30/99 1:05 18.96	9/30/99 5:45 19	9/30/99 10:25 18.92	9/30/99 15:05 18.81
9/30/99 1:10 18.96	9/30/99 5:50 19	9/30/99 10:30 18.92	9/30/99 15:10 18.77
9/30/99 1:15 18.96	9/30/99 5:55 19	9/30/99 10:35 18.92	9/30/99 15:15 18.81
9/30/99 1:20 18.96	9/30/99 6:00 19	9/30/99 10:40 18.92	9/30/99 15:20 18.81
9/30/99 1:25 18.96	9/30/99 6:05 19	9/30/99 10:45 18.92	9/30/99 15:25 18.81
9/30/99 1:30 18.96	9/30/99 6:10 19	9/30/99 10:50 18.92	9/30/99 15:30 18.85
9/30/99 1:35 18.96	9/30/99 6:15 19	9/30/99 10:55 18.92	9/30/99 15:35 18.81
9/30/99 1:40 18.96	9/30/99 6:20 19	9/30/99 11:00 18.92	9/30/99 15:40 18.85
9/30/99 1:45 18.96	9/30/99 6:25 19	9/30/99 11:05 18.92	9/30/99 15:45 18.81
9/30/99 1:50 18.96	9/30/99 6:30 19	9/30/99 11:10 18.92	9/30/99 15:50 18.81
9/30/99 1:55 18.96	9/30/99 6:35 19	9/30/99 11:15 18.92	9/30/99 15:55 18.85
9/30/99 2:00 18.96	9/30/99 6:40 19	9/30/99 11:20 18.92	9/30/99 16:00 18.81
9/30/99 2:05 18.96	9/30/99 6:45 19	9/30/99 11:25 18.92	9/30/99 16:05 18.85
9/30/99 2:10 18.96	9/30/99 6:50 19	9/30/99 11:30 18.92	9/30/99 16:10 18.81

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

9/30/99 16:15 18.85	9/30/99 20:55 18.85	10/1/99 1:35 18.85	10/1/99 6:15 18.81
9/30/99 16:20 18.85	9/30/99 21:00 18.85	10/1/99 1:40 18.85	10/1/99 6:20 18.81
9/30/99 16:25 18.85	9/30/99 21:05 18.85	10/1/99 1:45 18.85	10/1/99 6:25 18.81
9/30/99 16:30 18.81	9/30/99 21:10 18.85	10/1/99 1:50 18.85	10/1/99 6:30 18.81
9/30/99 16:35 18.81	9/30/99 21:15 18.85	10/1/99 1:55 18.85	10/1/99 6:35 18.81
9/30/99 16:40 18.81	9/30/99 21:20 18.85	10/1/99 2:00 18.85	10/1/99 6:40 18.81
9/30/99 16:45 18.81	9/30/99 21:25 18.85	10/1/99 2:05 18.85	10/1/99 6:45 18.81
9/30/99 16:50 18.81	9/30/99 21:30 18.85	10/1/99 2:10 18.85	10/1/99 6:50 18.81
9/30/99 16:55 18.81	9/30/99 21:35 18.89	10/1/99 2:15 18.85	10/1/99 6:55 18.81
9/30/99 17:00 18.81	9/30/99 21:40 18.85	10/1/99 2:20 18.85	10/1/99 7:00 18.81
9/30/99 17:05 18.81	9/30/99 21:45 18.89	10/1/99 2:25 18.85	10/1/99 7:05 18.81
9/30/99 17:10 18.81	9/30/99 21:50 18.89	10/1/99 2:30 18.85	10/1/99 7:10 18.77
9/30/99 17:15 18.81	9/30/99 21:55 18.89	10/1/99 2:35 18.85	10/1/99 7:15 18.77
9/30/99 17:20 18.81	9/30/99 22:00 18.89	10/1/99 2:40 18.85	10/1/99 7:20 18.77
9/30/99 17:25 18.81	9/30/99 22:05 18.89	10/1/99 2:45 18.85	10/1/99 7:25 18.77
9/30/99 17:30 18.81	9/30/99 22:10 18.89	10/1/99 2:50 18.85	10/1/99 7:30 18.81
9/30/99 17:35 18.81	9/30/99 22:15 18.89	10/1/99 2:55 18.85	10/1/99 7:35 18.81
9/30/99 17:40 18.85	9/30/99 22:20 18.89	10/1/99 3:00 18.85	10/1/99 7:40 18.81
9/30/99 17:45 18.85	9/30/99 22:25 18.89	10/1/99 3:05 18.85	10/1/99 7:45 18.81
9/30/99 17:50 18.85	9/30/99 22:30 18.89	10/1/99 3:10 18.85	10/1/99 7:50 18.81
9/30/99 17:55 18.85	9/30/99 22:35 18.89	10/1/99 3:15 18.85	10/1/99 7:55 18.81
9/30/99 18:00 18.85	9/30/99 22:40 18.89	10/1/99 3:20 18.81	10/1/99 8:00 18.77
9/30/99 18:05 18.81	9/30/99 22:45 18.89	10/1/99 3:25 18.81	10/1/99 8:05 18.77
9/30/99 18:10 18.85	9/30/99 22:50 18.89	10/1/99 3:30 18.81	10/1/99 8:10 18.77
9/30/99 18:15 18.81	9/30/99 22:55 18.89	10/1/99 3:35 18.81	10/1/99 8:15 18.77
9/30/99 18:20 18.81	9/30/99 23:00 18.89	10/1/99 3:40 18.81	10/1/99 8:20 18.77
9/30/99 18:25 18.81	9/30/99 23:05 18.89	10/1/99 3:45 18.81	10/1/99 8:25 18.73
9/30/99 18:30 18.81	9/30/99 23:10 18.89	10/1/99 3:50 18.81	10/1/99 8:30 18.73
9/30/99 18:35 18.81	9/30/99 23:15 18.89	10/1/99 3:55 18.81	10/1/99 8:35 18.77
9/30/99 18:40 18.85	9/30/99 23:20 18.89	10/1/99 4:00 18.81	10/1/99 8:40 18.77
9/30/99 18:45 18.85	9/30/99 23:25 18.89	10/1/99 4:05 18.81	10/1/99 8:45 18.73
9/30/99 18:50 18.85	9/30/99 23:30 18.89	10/1/99 4:10 18.81	10/1/99 8:50 18.73
9/30/99 18:55 18.85	9/30/99 23:35 18.89	10/1/99 4:15 18.81	10/1/99 8:55 18.73
9/30/99 19:00 18.85	9/30/99 23:40 18.89	10/1/99 4:20 18.81	10/1/99 9:00 18.77
9/30/99 19:05 18.85	9/30/99 23:45 18.89	10/1/99 4:25 18.81	10/1/99 9:05 18.73
9/30/99 19:10 18.85	9/30/99 23:50 18.89	10/1/99 4:30 18.81	10/1/99 9:10 18.73
9/30/99 19:15 18.85	9/30/99 23:55 18.89	10/1/99 4:35 18.81	10/1/99 9:15 18.73
9/30/99 19:20 18.85	10/1/99 0:00 18.89	10/1/99 4:40 18.81	10/1/99 9:20 18.69
9/30/99 19:25 18.85	10/1/99 0:05 18.89	10/1/99 4:45 18.81	10/1/99 9:25 18.69
9/30/99 19:30 18.85	10/1/99 0:10 18.89	10/1/99 4:50 18.81	10/1/99 9:30 18.69
9/30/99 19:35 18.85	10/1/99 0:15 18.89	10/1/99 4:55 18.81	10/1/99 9:35 18.65
9/30/99 19:40 18.85	10/1/99 0:20 18.92	10/1/99 5:00 18.81	10/1/99 9:40 18.69
9/30/99 19:45 18.85	10/1/99 0:25 18.92	10/1/99 5:05 18.81	10/1/99 9:45 18.69
9/30/99 19:50 18.85	10/1/99 0:30 18.92	10/1/99 5:10 18.81	10/1/99 9:50 18.69
9/30/99 19:55 18.85	10/1/99 0:35 18.92	10/1/99 5:15 18.81	10/1/99 9:55 18.65
9/30/99 20:00 18.85	10/1/99 0:40 18.92	10/1/99 5:20 18.81	10/1/99 10:00 18.65
9/30/99 20:05 18.89	10/1/99 0:45 18.89	10/1/99 5:25 18.81	10/1/99 10:05 18.65
9/30/99 20:10 18.89	10/1/99 0:50 18.92	10/1/99 5:30 18.81	10/1/99 10:10 18.65
9/30/99 20:15 18.89	10/1/99 0:55 18.92	10/1/99 5:35 18.81	10/1/99 10:15 18.65
9/30/99 20:20 18.89	10/1/99 1:00 18.92	10/1/99 5:40 18.81	10/1/99 10:20 18.61
9/30/99 20:25 18.89	10/1/99 1:05 18.92	10/1/99 5:45 18.81	10/1/99 10:25 18.61
9/30/99 20:30 18.85	10/1/99 1:10 18.92	10/1/99 5:50 18.81	10/1/99 10:30 18.65
9/30/99 20:35 18.85	10/1/99 1:15 18.89	10/1/99 5:55 18.81	10/1/99 10:35 18.65
9/30/99 20:40 18.85	10/1/99 1:20 18.85	10/1/99 6:00 18.81	10/1/99 10:40 18.65
9/30/99 20:45 18.85	10/1/99 1:25 18.89	10/1/99 6:05 18.81	10/1/99 10:45 18.61
9/30/99 20:50 18.85	10/1/99 1:30 18.89	10/1/99 6:10 18.81	10/1/99 10:50 18.61

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

10/1/99 10:55 18.61	10/1/99 15:35 18.61	10/1/99 20:15 18.77	10/2/99 0:55 18.85
10/1/99 11:00 18.61	10/1/99 15:40 18.61	10/1/99 20:20 18.77	10/2/99 1:00 18.85
10/1/99 11:05 18.61	10/1/99 15:45 18.61	10/1/99 20:25 18.77	10/2/99 1:05 18.85
10/1/99 11:10 18.61	10/1/99 15:50 18.61	10/1/99 20:30 18.77	10/2/99 1:10 18.85
10/1/99 11:15 18.61	10/1/99 15:55 18.61	10/1/99 20:35 18.77	10/2/99 1:15 18.85
10/1/99 11:20 18.61	10/1/99 16:00 18.61	10/1/99 20:40 18.77	10/2/99 1:20 18.85
10/1/99 11:25 18.61	10/1/99 16:05 18.61	10/1/99 20:45 18.77	10/2/99 1:25 18.85
10/1/99 11:30 18.61	10/1/99 16:10 18.61	10/1/99 20:50 18.77	10/2/99 1:30 18.85
10/1/99 11:35 18.61	10/1/99 16:15 18.61	10/1/99 20:55 18.77	10/2/99 1:35 18.85
10/1/99 11:40 18.61	10/1/99 16:20 18.61	10/1/99 21:00 18.77	10/2/99 1:40 18.85
10/1/99 11:45 18.61	10/1/99 16:25 18.57	10/1/99 21:05 18.77	10/2/99 1:45 18.85
10/1/99 11:50 18.61	10/1/99 16:30 18.61	10/1/99 21:10 18.81	10/2/99 1:50 18.85
10/1/99 11:55 18.61	10/1/99 16:35 18.61	10/1/99 21:15 18.81	10/2/99 1:55 18.85
10/1/99 12:00 18.61	10/1/99 16:40 18.61	10/1/99 21:20 18.81	10/2/99 2:00 18.85
10/1/99 12:05 18.61	10/1/99 16:45 18.61	10/1/99 21:25 18.81	10/2/99 2:05 18.85
10/1/99 12:10 18.61	10/1/99 16:50 18.65	10/1/99 21:30 18.81	10/2/99 2:10 18.85
10/1/99 12:15 18.61	10/1/99 16:55 18.65	10/1/99 21:35 18.81	10/2/99 2:15 18.85
10/1/99 12:20 18.61	10/1/99 17:00 18.65	10/1/99 21:40 18.81	10/2/99 2:20 18.85
10/1/99 12:25 18.57	10/1/99 17:05 18.65	10/1/99 21:45 18.81	10/2/99 2:25 18.85
10/1/99 12:30 18.61	10/1/99 17:10 18.61	10/1/99 21:50 18.81	10/2/99 2:30 18.85
10/1/99 12:35 18.57	10/1/99 17:15 18.65	10/1/99 21:55 18.81	10/2/99 2:35 18.85
10/1/99 12:40 18.57	10/1/99 17:20 18.65	10/1/99 22:00 18.81	10/2/99 2:40 18.85
10/1/99 12:45 18.57	10/1/99 17:25 18.65	10/1/99 22:05 18.81	10/2/99 2:45 18.85
10/1/99 12:50 18.57	10/1/99 17:30 18.65	10/1/99 22:10 18.81	10/2/99 2:50 18.85
10/1/99 12:55 18.57	10/1/99 17:35 18.65	10/1/99 22:15 18.81	10/2/99 2:55 18.85
10/1/99 13:00 18.61	10/1/99 17:40 18.69	10/1/99 22:20 18.81	10/2/99 3:00 18.85
10/1/99 13:05 18.57	10/1/99 17:45 18.69	10/1/99 22:25 18.81	10/2/99 3:05 18.85
10/1/99 13:10 18.57	10/1/99 17:50 18.69	10/1/99 22:30 18.81	10/2/99 3:10 18.85
10/1/99 13:15 18.57	10/1/99 17:55 18.69	10/1/99 22:35 18.81	10/2/99 3:15 18.85
10/1/99 13:20 18.57	10/1/99 18:00 18.69	10/1/99 22:40 18.81	10/2/99 3:20 18.85
10/1/99 13:25 18.57	10/1/99 18:05 18.73	10/1/99 22:45 18.81	10/2/99 3:25 18.85
10/1/99 13:30 18.53	10/1/99 18:10 18.73	10/1/99 22:50 18.81	10/2/99 3:30 18.85
10/1/99 13:35 18.53	10/1/99 18:15 18.69	10/1/99 22:55 18.81	10/2/99 3:35 18.85
10/1/99 13:40 18.53	10/1/99 18:20 18.69	10/1/99 23:00 18.81	10/2/99 3:40 18.85
10/1/99 13:45 18.53	10/1/99 18:25 18.69	10/1/99 23:05 18.81	10/2/99 3:45 18.85
10/1/99 13:50 18.53	10/1/99 18:30 18.69	10/1/99 23:10 18.81	10/2/99 3:50 18.85
10/1/99 13:55 18.53	10/1/99 18:35 18.73	10/1/99 23:15 18.81	10/2/99 3:55 18.85
10/1/99 14:00 18.57	10/1/99 18:40 18.73	10/1/99 23:20 18.81	10/2/99 4:00 18.85
10/1/99 14:05 18.57	10/1/99 18:45 18.73	10/1/99 23:25 18.81	10/2/99 4:05 18.85
10/1/99 14:10 18.57	10/1/99 18:50 18.73	10/1/99 23:30 18.81	10/2/99 4:10 18.85
10/1/99 14:15 18.57	10/1/99 18:55 18.73	10/1/99 23:35 18.81	10/2/99 4:15 18.85
10/1/99 14:20 18.57	10/1/99 19:00 18.73	10/1/99 23:40 18.85	10/2/99 4:20 18.85
10/1/99 14:25 18.57	10/1/99 19:05 18.73	10/1/99 23:45 18.85	10/2/99 4:25 18.85
10/1/99 14:30 18.57	10/1/99 19:10 18.73	10/1/99 23:50 18.85	10/2/99 4:30 18.89
10/1/99 14:35 18.57	10/1/99 19:15 18.73	10/1/99 23:55 18.85	10/2/99 4:35 18.89
10/1/99 14:40 18.57	10/1/99 19:20 18.73	10/2/99 0:00 18.85	10/2/99 4:40 18.89
10/1/99 14:45 18.57	10/1/99 19:25 18.73	10/2/99 0:05 18.85	10/2/99 4:45 18.89
10/1/99 14:50 18.57	10/1/99 19:30 18.73	10/2/99 0:10 18.85	10/2/99 4:50 18.89
10/1/99 14:55 18.61	10/1/99 19:35 18.73	10/2/99 0:15 18.85	10/2/99 4:55 18.89
10/1/99 15:00 18.61	10/1/99 19:40 18.77	10/2/99 0:20 18.85	10/2/99 5:00 18.89
10/1/99 15:05 18.57	10/1/99 19:45 18.77	10/2/99 0:25 18.85	10/2/99 5:05 18.89
10/1/99 15:10 18.61	10/1/99 19:50 18.77	10/2/99 0:30 18.85	10/2/99 5:10 18.89
10/1/99 15:15 18.61	10/1/99 19:55 18.77	10/2/99 0:35 18.85	10/2/99 5:15 18.89
10/1/99 15:20 18.61	10/1/99 20:00 18.77	10/2/99 0:40 18.85	10/2/99 5:20 18.89
10/1/99 15:25 18.61	10/1/99 20:05 18.77	10/2/99 0:45 18.85	10/2/99 5:25 18.89
10/1/99 15:30 18.61	10/1/99 20:10 18.77	10/2/99 0:50 18.85	10/2/99 5:30 18.89

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

10/2/99 5:35 18.89	10/2/99 10:15 18.81	10/2/99 14:55 18.96	10/2/99 19:35 18.96
10/2/99 5:40 18.89	10/2/99 10:20 18.81	10/2/99 15:00 18.96	10/2/99 19:40 18.96
10/2/99 5:45 18.89	10/2/99 10:25 18.81	10/2/99 15:05 18.92	10/2/99 19:45 18.96
10/2/99 5:50 18.89	10/2/99 10:30 18.81	10/2/99 15:10 18.96	10/2/99 19:50 18.96
10/2/99 5:55 18.89	10/2/99 10:35 18.81	10/2/99 15:15 18.96	10/2/99 19:55 18.96
10/2/99 6:00 18.89	10/2/99 10:40 18.81	10/2/99 15:20 18.96	10/2/99 20:00 18.96
10/2/99 6:05 18.89	10/2/99 10:45 18.81	10/2/99 15:25 18.96	10/2/99 20:05 18.96
10/2/99 6:10 18.89	10/2/99 10:50 18.81	10/2/99 15:30 18.96	10/2/99 20:10 18.96
10/2/99 6:15 18.92	10/2/99 10:55 18.81	10/2/99 15:35 18.96	10/2/99 20:15 18.96
10/2/99 6:20 18.92	10/2/99 11:00 18.81	10/2/99 15:40 18.92	10/2/99 20:20 18.96
10/2/99 6:25 18.92	10/2/99 11:05 18.81	10/2/99 15:45 18.92	10/2/99 20:25 18.96
10/2/99 6:30 18.92	10/2/99 11:10 18.81	10/2/99 15:50 18.96	10/2/99 20:30 18.96
10/2/99 6:35 18.92	10/2/99 11:15 18.81	10/2/99 15:55 18.96	10/2/99 20:35 18.96
10/2/99 6:40 18.92	10/2/99 11:20 18.81	10/2/99 16:00 18.92	10/2/99 20:40 18.96
10/2/99 6:45 18.92	10/2/99 11:25 18.81	10/2/99 16:05 19.00	10/2/99 20:45 19.00
10/2/99 6:50 18.92	10/2/99 11:30 18.81	10/2/99 16:10 18.96	10/2/99 20:50 18.96
10/2/99 6:55 18.92	10/2/99 11:35 18.77	10/2/99 16:15 18.96	10/2/99 20:55 18.96
10/2/99 7:00 18.92	10/2/99 11:40 18.77	10/2/99 16:20 18.96	10/2/99 21:00 19.00
10/2/99 7:05 18.92	10/2/99 11:45 18.77	10/2/99 16:25 19.00	10/2/99 21:05 19.00
10/2/99 7:10 18.92	10/2/99 11:50 18.77	10/2/99 16:30 19.00	10/2/99 21:10 19.00
10/2/99 7:15 18.89	10/2/99 11:55 18.77	10/2/99 16:35 18.96	10/2/99 21:15 19.00
10/2/99 7:20 18.89	10/2/99 12:00 18.92	10/2/99 16:40 19.00	10/2/99 21:20 18.96
10/2/99 7:25 18.89	10/2/99 12:05 18.92	10/2/99 16:45 18.96	10/2/99 21:25 19.00
10/2/99 7:30 18.89	10/2/99 12:10 18.92	10/2/99 16:50 18.96	10/2/99 21:30 19.00
10/2/99 7:35 18.92	10/2/99 12:15 18.92	10/2/99 16:55 18.96	10/2/99 21:35 18.96
10/2/99 7:40 18.92	10/2/99 12:20 18.92	10/2/99 17:00 18.96	10/2/99 21:40 18.96
10/2/99 7:45 18.92	10/2/99 12:25 18.92	10/2/99 17:05 18.96	10/2/99 21:45 18.96
10/2/99 7:50 18.89	10/2/99 12:30 18.96	10/2/99 17:10 18.96	10/2/99 21:50 18.96
10/2/99 7:55 18.92	10/2/99 12:35 18.96	10/2/99 17:15 18.96	10/2/99 21:55 18.96
10/2/99 8:00 18.89	10/2/99 12:40 18.96	10/2/99 17:20 18.96	10/2/99 22:00 18.96
10/2/99 8:05 18.89	10/2/99 12:45 18.96	10/2/99 17:25 18.96	10/2/99 22:05 18.96
10/2/99 8:10 18.89	10/2/99 12:50 18.96	10/2/99 17:30 18.96	10/2/99 22:10 19.00
10/2/99 8:15 18.89	10/2/99 12:55 18.96	10/2/99 17:35 18.96	10/2/99 22:15 19.00
10/2/99 8:20 18.89	10/2/99 13:00 18.96	10/2/99 17:40 18.96	10/2/99 22:20 19.00
10/2/99 8:25 18.89	10/2/99 13:05 18.96	10/2/99 17:45 18.96	10/2/99 22:25 19.00
10/2/99 8:30 18.89	10/2/99 13:10 18.96	10/2/99 17:50 18.96	10/2/99 22:30 19.00
10/2/99 8:35 18.89	10/2/99 13:15 18.96	10/2/99 17:55 18.96	10/2/99 22:35 19.00
10/2/99 8:40 18.89	10/2/99 13:20 18.96	10/2/99 18:00 18.96	10/2/99 22:40 19.00
10/2/99 8:45 18.89	10/2/99 13:25 18.96	10/2/99 18:05 18.96	10/2/99 22:45 19.00
10/2/99 8:50 18.85	10/2/99 13:30 18.96	10/2/99 18:10 18.96	10/2/99 22:50 19.00
10/2/99 8:55 18.85	10/2/99 13:35 18.96	10/2/99 18:15 18.96	10/2/99 22:55 19.00
10/2/99 9:00 18.85	10/2/99 13:40 18.96	10/2/99 18:20 18.96	10/2/99 23:00 19.00
10/2/99 9:05 18.85	10/2/99 13:45 18.96	10/2/99 18:25 18.96	10/2/99 23:05 19.00
10/2/99 9:10 18.85	10/2/99 13:50 18.96	10/2/99 18:30 18.96	10/2/99 23:10 19.00
10/2/99 9:15 18.85	10/2/99 13:55 18.96	10/2/99 18:35 18.96	10/2/99 23:15 19.00
10/2/99 9:20 18.85	10/2/99 14:00 18.96	10/2/99 18:40 18.96	10/2/99 23:20 18.96
10/2/99 9:25 18.85	10/2/99 14:05 18.96	10/2/99 18:45 18.96	10/2/99 23:25 18.96
10/2/99 9:30 18.89	10/2/99 14:10 18.96	10/2/99 18:50 18.96	10/2/99 23:30 18.96
10/2/99 9:35 18.89	10/2/99 14:15 18.96	10/2/99 18:55 18.96	10/2/99 23:35 18.96
10/2/99 9:40 18.85	10/2/99 14:20 18.96	10/2/99 19:00 18.96	10/2/99 23:40 18.96
10/2/99 9:45 18.85	10/2/99 14:25 18.96	10/2/99 19:05 18.96	10/2/99 23:45 18.96
10/2/99 9:50 18.85	10/2/99 14:30 18.96	10/2/99 19:10 18.96	10/2/99 23:50 18.96
10/2/99 9:55 18.85	10/2/99 14:35 18.96	10/2/99 19:15 18.96	10/2/99 23:55 18.96
10/2/99 10:00 18.85	10/2/99 14:40 18.96	10/2/99 19:20 18.96	10/3/99 0:00 18.96
10/2/99 10:05 18.85	10/2/99 14:45 18.96	10/2/99 19:25 18.96	10/3/99 0:05 18.96
10/2/99 10:10 18.81	10/2/99 14:50 18.96	10/2/99 19:30 18.96	10/3/99 0:10 18.96

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

10/3/99 0:15 18.96	10/3/99 4:55 18.96	10/3/99 9:35 19.04	10/3/99 14:15 19.08
10/3/99 0:20 18.96	10/3/99 5:00 18.96	10/3/99 9:40 19.04	10/3/99 14:20 19.08
10/3/99 0:25 18.96	10/3/99 5:05 18.92	10/3/99 9:45 19.08	10/3/99 14:25 19.08
10/3/99 0:30 18.96	10/3/99 5:10 18.92	10/3/99 9:50 19.08	10/3/99 14:30 19.08
10/3/99 0:35 18.96	10/3/99 5:15 18.92	10/3/99 9:55 19.04	10/3/99 14:35 19.08
10/3/99 0:40 18.96	10/3/99 5:20 18.92	10/3/99 10:00 19.04	10/3/99 14:40 19.08
10/3/99 0:45 18.96	10/3/99 5:25 18.96	10/3/99 10:05 19.04	10/3/99 14:45 19.08
10/3/99 0:50 18.92	10/3/99 5:30 18.96	10/3/99 10:10 19.04	10/3/99 14:50 19.08
10/3/99 0:55 18.92	10/3/99 5:35 18.96	10/3/99 10:15 19.04	10/3/99 14:55 19.08
10/3/99 1:00 18.92	10/3/99 5:40 18.96	10/3/99 10:20 19.04	10/3/99 15:00 19.08
10/3/99 1:05 18.92	10/3/99 5:45 18.96	10/3/99 10:25 19.04	10/3/99 15:05 19.08
10/3/99 1:10 18.92	10/3/99 5:50 18.96	10/3/99 10:30 19.04	10/3/99 15:10 19.08
10/3/99 1:15 18.92	10/3/99 5:55 18.96	10/3/99 10:35 19.04	10/3/99 15:15 19.08
10/3/99 1:20 18.92	10/3/99 6:00 19.00	10/3/99 10:40 19.04	10/3/99 15:20 19.08
10/3/99 1:25 18.92	10/3/99 6:05 19.00	10/3/99 10:45 19.08	10/3/99 15:25 19.08
10/3/99 1:30 18.92	10/3/99 6:10 19.00	10/3/99 10:50 19.04	10/3/99 15:30 19.08
10/3/99 1:35 18.92	10/3/99 6:15 18.96	10/3/99 10:55 19.08	10/3/99 15:35 19.08
10/3/99 1:40 18.92	10/3/99 6:20 19.00	10/3/99 11:00 19.08	10/3/99 15:40 19.08
10/3/99 1:45 18.92	10/3/99 6:25 18.96	10/3/99 11:05 19.08	10/3/99 15:45 19.08
10/3/99 1:50 18.92	10/3/99 6:30 18.96	10/3/99 11:10 19.08	10/3/99 15:50 19.08
10/3/99 1:55 18.92	10/3/99 6:35 18.96	10/3/99 11:15 19.08	10/3/99 15:55 19.08
10/3/99 2:00 18.96	10/3/99 6:40 18.96	10/3/99 11:20 19.08	10/3/99 16:00 19.08
10/3/99 2:05 18.96	10/3/99 6:45 19.00	10/3/99 11:25 19.08	10/3/99 16:05 19.08
10/3/99 2:10 18.92	10/3/99 6:50 19.00	10/3/99 11:30 19.04	10/3/99 16:10 19.08
10/3/99 2:15 18.92	10/3/99 6:55 19.00	10/3/99 11:35 19.04	10/3/99 16:15 19.08
10/3/99 2:20 18.92	10/3/99 7:00 19.00	10/3/99 11:40 19.04	10/3/99 16:20 19.08
10/3/99 2:25 18.92	10/3/99 7:05 19.00	10/3/99 11:45 19.04	10/3/99 16:25 19.08
10/3/99 2:30 18.96	10/3/99 7:10 19.00	10/3/99 11:50 19.04	10/3/99 16:30 19.08
10/3/99 2:35 18.96	10/3/99 7:15 19.00	10/3/99 11:55 19.04	10/3/99 16:35 19.08
10/3/99 2:40 18.96	10/3/99 7:20 19.00	10/3/99 12:00 19.04	10/3/99 16:40 19.12
10/3/99 2:45 18.96	10/3/99 7:25 19.00	10/3/99 12:05 19.04	10/3/99 16:45 19.12
10/3/99 2:50 18.96	10/3/99 7:30 19.00	10/3/99 12:10 19.08	10/3/99 16:50 19.12
10/3/99 2:55 18.96	10/3/99 7:35 19.00	10/3/99 12:15 19.08	10/3/99 16:55 19.12
10/3/99 3:00 18.92	10/3/99 7:40 19.00	10/3/99 12:20 19.08	10/3/99 17:00 19.12
10/3/99 3:05 18.92	10/3/99 7:45 19.00	10/3/99 12:25 19.08	10/3/99 17:05 19.12
10/3/99 3:10 18.92	10/3/99 7:50 19.00	10/3/99 12:30 19.08	10/3/99 17:10 19.12
10/3/99 3:15 18.92	10/3/99 7:55 19.00	10/3/99 12:35 19.08	10/3/99 17:15 19.12
10/3/99 3:20 18.92	10/3/99 8:00 19.00	10/3/99 12:40 19.08	10/3/99 17:20 19.12
10/3/99 3:25 18.92	10/3/99 8:05 19.00	10/3/99 12:45 19.08	10/3/99 17:25 19.12
10/3/99 3:30 18.92	10/3/99 8:10 19.00	10/3/99 12:50 19.08	10/3/99 17:30 19.12
10/3/99 3:35 18.92	10/3/99 8:15 19.00	10/3/99 12:55 19.08	10/3/99 17:35 19.12
10/3/99 3:40 18.92	10/3/99 8:20 19.00	10/3/99 13:00 19.08	10/3/99 17:40 19.12
10/3/99 3:45 18.92	10/3/99 8:25 19.00	10/3/99 13:05 19.08	10/3/99 17:45 19.12
10/3/99 3:50 18.92	10/3/99 8:30 19.00	10/3/99 13:10 19.08	10/3/99 17:50 19.12
10/3/99 3:55 18.92	10/3/99 8:35 19.00	10/3/99 13:15 19.08	10/3/99 17:55 19.12
10/3/99 4:00 18.92	10/3/99 8:40 19.00	10/3/99 13:20 19.08	10/3/99 18:00 19.12
10/3/99 4:05 18.92	10/3/99 8:45 19.04	10/3/99 13:25 19.08	10/3/99 18:05 19.12
10/3/99 4:10 18.92	10/3/99 8:50 19.04	10/3/99 13:30 19.08	10/3/99 18:10 19.12
10/3/99 4:15 18.92	10/3/99 8:55 19.04	10/3/99 13:35 19.08	10/3/99 18:15 19.12
10/3/99 4:20 18.96	10/3/99 9:00 19.04	10/3/99 13:40 19.08	10/3/99 18:20 19.12
10/3/99 4:25 18.96	10/3/99 9:05 19.04	10/3/99 13:45 19.08	10/3/99 18:25 19.12
10/3/99 4:30 18.96	10/3/99 9:10 19.04	10/3/99 13:50 19.08	10/3/99 18:30 19.12
10/3/99 4:35 18.96	10/3/99 9:15 19.04	10/3/99 13:55 19.08	10/3/99 18:35 19.12
10/3/99 4:40 18.96	10/3/99 9:20 19.04	10/3/99 14:00 19.08	10/3/99 18:40 19.12
10/3/99 4:45 18.96	10/3/99 9:25 19.04	10/3/99 14:05 19.08	10/3/99 18:45 19.08
10/3/99 4:50 18.96	10/3/99 9:30 19.04	10/3/99 14:10 19.08	10/3/99 18:50 19.08

Registro en Sondeo OSMA durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

10/3/99 18:55 19.08	10/3/99 23:35 19.00
10/3/99 19:00 19.08	10/3/99 23:40 19.00
10/3/99 19:05 19.08	10/3/99 23:45 19.04
10/3/99 19:10 19.08	10/3/99 23:50 19.04
10/3/99 19:15 19.08	10/3/99 23:55 19.04
10/3/99 19:20 19.08	10/4/99 0:00 19.03
10/3/99 19:25 19.08	
10/3/99 19:30 19.08	
10/3/99 19:35 19.08	
10/3/99 19:40 19.08	
10/3/99 19:45 19.08	
10/3/99 19:50 19.12	
10/3/99 19:55 19.12	
10/3/99 20:00 19.12	
10/3/99 20:05 19.12	
10/3/99 20:10 19.12	
10/3/99 20:15 19.12	
10/3/99 20:20 19.12	
10/3/99 20:25 19.08	
10/3/99 20:30 19.08	
10/3/99 20:35 19.08	
10/3/99 20:40 19.08	
10/3/99 20:45 19.08	
10/3/99 20:50 19.08	
10/3/99 20:55 19.08	
10/3/99 21:00 19.08	
10/3/99 21:05 19.08	
10/3/99 21:10 19.08	
10/3/99 21:15 19.08	
10/3/99 21:20 19.04	
10/3/99 21:25 19.04	
10/3/99 21:30 19.08	
10/3/99 21:35 19.08	
10/3/99 21:40 19.08	
10/3/99 21:45 19.08	
10/3/99 21:50 19.04	
10/3/99 21:55 19.04	
10/3/99 22:00 19.04	
10/3/99 22:05 19.04	
10/3/99 22:10 19.04	
10/3/99 22:15 19.04	
10/3/99 22:20 19.04	
10/3/99 22:25 19.04	
10/3/99 22:30 19.04	
10/3/99 22:35 19.00	
10/3/99 22:40 19.00	
10/3/99 22:45 19.00	
10/3/99 22:50 19.00	
10/3/99 22:55 19.00	
10/3/99 23:00 19.00	
10/3/99 23:05 19.00	
10/3/99 23:10 19.00	
10/3/99 23:15 19.00	
10/3/99 23:20 19.00	
10/3/99 23:25 19.00	
10/3/99 23:30 19.00	

Registro en Sondeo OSMA-A durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

20/9/1999 00:00 9.72	20/9/1999 09:20 9.74	20/9/1999 18:40 9.72	21/9/1999 04:00 9.74
20/9/1999 00:10 9.72	20/9/1999 09:30 9.74	20/9/1999 18:50 9.72	21/9/1999 04:10 9.74
20/9/1999 00:20 9.72	20/9/1999 09:40 9.76	20/9/1999 19:00 9.74	21/9/1999 04:20 9.74
20/9/1999 00:30 9.72	20/9/1999 09:50 9.76	20/9/1999 19:10 9.74	21/9/1999 04:30 9.74
20/9/1999 00:40 9.74	20/9/1999 10:00 9.76	20/9/1999 19:20 9.74	21/9/1999 04:40 9.74
20/9/1999 00:50 9.72	20/9/1999 10:10 9.76	20/9/1999 19:30 9.72	21/9/1999 04:50 9.74
20/9/1999 01:00 9.72	20/9/1999 10:20 9.74	20/9/1999 19:40 9.74	21/9/1999 05:00 9.74
20/9/1999 01:10 9.72	20/9/1999 10:30 9.74	20/9/1999 19:50 9.74	21/9/1999 05:10 9.76
20/9/1999 01:20 9.72	20/9/1999 10:40 9.74	20/9/1999 20:00 9.74	21/9/1999 05:20 9.76
20/9/1999 01:30 9.70	20/9/1999 10:50 9.74	20/9/1999 20:10 9.74	21/9/1999 05:30 9.76
20/9/1999 01:40 9.72	20/9/1999 11:00 9.74	20/9/1999 20:20 9.74	21/9/1999 05:40 9.74
20/9/1999 01:50 9.72	20/9/1999 11:10 9.74	20/9/1999 20:30 9.74	21/9/1999 05:50 9.76
20/9/1999 02:00 9.72	20/9/1999 11:20 9.74	20/9/1999 20:40 9.74	21/9/1999 06:00 9.74
20/9/1999 02:10 9.72	20/9/1999 11:30 9.74	20/9/1999 20:50 9.72	21/9/1999 06:10 9.76
20/9/1999 02:20 9.72	20/9/1999 11:40 9.72	20/9/1999 21:00 9.74	21/9/1999 06:20 9.76
20/9/1999 02:30 9.72	20/9/1999 11:50 9.74	20/9/1999 21:10 9.76	21/9/1999 06:30 9.74
20/9/1999 02:40 9.74	20/9/1999 12:00 9.74	20/9/1999 21:20 9.76	21/9/1999 06:40 9.74
20/9/1999 02:50 9.74	20/9/1999 12:10 9.74	20/9/1999 21:30 9.74	21/9/1999 06:50 9.76
20/9/1999 03:00 9.74	20/9/1999 12:20 9.74	20/9/1999 21:40 9.76	21/9/1999 07:00 9.76
20/9/1999 03:10 9.74	20/9/1999 12:30 9.74	20/9/1999 21:50 9.74	21/9/1999 07:10 9.76
20/9/1999 03:20 9.72	20/9/1999 12:40 9.74	20/9/1999 22:00 9.72	21/9/1999 07:20 9.77
20/9/1999 03:30 9.72	20/9/1999 12:50 9.72	20/9/1999 22:10 9.76	21/9/1999 07:30 9.76
20/9/1999 03:40 9.72	20/9/1999 13:00 9.74	20/9/1999 22:20 9.74	21/9/1999 07:40 9.74
20/9/1999 03:50 9.72	20/9/1999 13:10 9.74	20/9/1999 22:30 9.74	21/9/1999 07:50 9.76
20/9/1999 04:00 9.72	20/9/1999 13:20 9.72	20/9/1999 22:40 9.76	21/9/1999 08:00 9.76
20/9/1999 04:10 9.74	20/9/1999 13:30 9.72	20/9/1999 22:50 9.74	21/9/1999 08:10 9.76
20/9/1999 04:20 9.72	20/9/1999 13:40 9.72	20/9/1999 23:00 9.74	21/9/1999 08:20 9.76
20/9/1999 04:30 9.74	20/9/1999 13:50 9.72	20/9/1999 23:10 9.74	21/9/1999 08:30 9.76
20/9/1999 04:40 9.74	20/9/1999 14:00 9.72	20/9/1999 23:20 9.74	21/9/1999 08:40 9.76
20/9/1999 04:50 9.72	20/9/1999 14:10 9.74	20/9/1999 23:30 9.76	21/9/1999 08:50 9.76
20/9/1999 05:00 9.76	20/9/1999 14:20 9.72	20/9/1999 23:40 9.74	21/9/1999 09:00 9.76
20/9/1999 05:10 9.74	20/9/1999 14:30 9.74	20/9/1999 23:50 9.74	21/9/1999 09:10 9.76
20/9/1999 05:20 9.74	20/9/1999 14:40 9.72	21/9/1999 00:00 9.74	21/9/1999 09:20 9.76
20/9/1999 05:30 9.72	20/9/1999 14:50 9.74	21/9/1999 00:10 9.74	21/9/1999 09:30 9.79
20/9/1999 05:40 9.72	20/9/1999 15:00 9.74	21/9/1999 00:20 9.74	21/9/1999 09:40 9.76
20/9/1999 05:50 9.74	20/9/1999 15:10 9.72	21/9/1999 00:30 9.74	21/9/1999 09:50 9.76
20/9/1999 06:00 9.72	20/9/1999 15:20 9.74	21/9/1999 00:40 9.74	21/9/1999 10:00 9.76
20/9/1999 06:10 9.76	20/9/1999 15:30 9.72	21/9/1999 00:50 9.74	21/9/1999 10:10 9.76
20/9/1999 06:20 9.74	20/9/1999 15:40 9.72	21/9/1999 01:00 9.74	21/9/1999 10:20 9.76
20/9/1999 06:30 9.76	20/9/1999 15:50 9.72	21/9/1999 01:10 9.74	21/9/1999 10:30 9.77
20/9/1999 06:40 9.76	20/9/1999 16:00 9.72	21/9/1999 01:20 9.74	21/9/1999 10:40 9.77
20/9/1999 06:50 9.74	20/9/1999 16:10 9.72	21/9/1999 01:30 9.74	21/9/1999 10:50 9.76
20/9/1999 07:00 9.76	20/9/1999 16:20 9.74	21/9/1999 01:40 9.74	21/9/1999 11:00 9.77
20/9/1999 07:10 9.76	20/9/1999 16:30 9.72	21/9/1999 01:50 9.74	21/9/1999 11:10 9.77
20/9/1999 07:20 9.76	20/9/1999 16:40 9.72	21/9/1999 02:00 9.74	21/9/1999 11:20 9.77
20/9/1999 07:30 9.76	20/9/1999 16:50 9.72	21/9/1999 02:10 9.74	21/9/1999 11:30 9.76
20/9/1999 07:40 9.76	20/9/1999 17:00 9.72	21/9/1999 02:20 9.74	21/9/1999 11:40 9.76
20/9/1999 07:50 9.76	20/9/1999 17:10 9.72	21/9/1999 02:30 9.74	21/9/1999 11:50 9.77
20/9/1999 08:00 9.74	20/9/1999 17:20 9.74	21/9/1999 02:40 9.74	21/9/1999 12:00 9.76
20/9/1999 08:10 9.74	20/9/1999 17:30 9.74	21/9/1999 02:50 9.74	21/9/1999 12:10 9.76
20/9/1999 08:20 9.72	20/9/1999 17:40 9.74	21/9/1999 03:00 9.74	21/9/1999 12:20 9.76
20/9/1999 08:30 9.76	20/9/1999 17:50 9.72	21/9/1999 03:10 9.74	21/9/1999 12:30 9.76
20/9/1999 08:40 9.74	20/9/1999 18:00 9.72	21/9/1999 03:20 9.76	21/9/1999 12:40 9.76
20/9/1999 08:50 9.74	20/9/1999 18:10 9.74	21/9/1999 03:30 9.76	21/9/1999 12:50 9.76
20/9/1999 09:00 9.74	20/9/1999 18:20 9.74	21/9/1999 03:40 9.72	21/9/1999 13:00 9.76
20/9/1999 09:10 9.74	20/9/1999 18:30 9.72	21/9/1999 03:50 9.74	21/9/1999 13:10 9.76

Registro en Sondeo OSMA-A durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

21/9/1999 13:20 9.76	21/9/1999 22:40 10.27	22/9/1999 08:00 11.43	22/9/1999 17:20 11.92
21/9/1999 13:30 9.74	21/9/1999 22:50 10.29	22/9/1999 08:10 11.41	22/9/1999 17:30 11.90
21/9/1999 13:40 9.74	21/9/1999 23:00 10.31	22/9/1999 08:20 11.58	22/9/1999 17:40 11.90
21/9/1999 13:50 9.74	21/9/1999 23:10 10.35	22/9/1999 08:30 11.58	22/9/1999 17:50 11.90
21/9/1999 14:00 9.74	21/9/1999 23:20 10.35	22/9/1999 08:40 11.58	22/9/1999 18:00 11.86
21/9/1999 14:10 9.74	21/9/1999 23:30 10.36	22/9/1999 08:50 11.60	22/9/1999 18:10 11.86
21/9/1999 14:20 9.76	21/9/1999 23:40 10.38	22/9/1999 09:00 11.62	22/9/1999 18:20 11.84
21/9/1999 14:30 9.76	21/9/1999 23:50 10.38	22/9/1999 09:10 11.64	22/9/1999 18:30 11.84
21/9/1999 14:40 9.76	22/9/1999 00:00 10.42	22/9/1999 09:20 11.64	22/9/1999 18:40 11.84
21/9/1999 14:50 9.76	22/9/1999 00:10 10.42	22/9/1999 09:30 11.64	22/9/1999 18:50 11.82
21/9/1999 15:00 9.76	22/9/1999 00:20 10.44	22/9/1999 09:40 11.66	22/9/1999 19:00 11.82
21/9/1999 15:10 9.74	22/9/1999 00:30 10.48	22/9/1999 09:50 11.66	22/9/1999 19:10 11.82
21/9/1999 15:20 9.74	22/9/1999 00:40 10.50	22/9/1999 10:00 11.66	22/9/1999 19:20 11.80
21/9/1999 15:30 9.76	22/9/1999 00:50 10.50	22/9/1999 10:10 11.68	22/9/1999 19:30 11.80
21/9/1999 15:40 9.77	22/9/1999 01:00 10.52	22/9/1999 10:20 11.72	22/9/1999 19:40 11.78
21/9/1999 15:50 9.76	22/9/1999 01:10 10.54	22/9/1999 10:30 11.72	22/9/1999 19:50 11.78
21/9/1999 16:00 9.76	22/9/1999 01:20 10.56	22/9/1999 10:40 11.74	22/9/1999 20:00 11.78
21/9/1999 16:10 9.77	22/9/1999 01:30 10.60	22/9/1999 10:50 11.74	22/9/1999 20:10 11.78
21/9/1999 16:20 9.77	22/9/1999 01:40 10.60	22/9/1999 11:00 11.74	22/9/1999 20:20 11.76
21/9/1999 16:30 9.77	22/9/1999 01:50 10.62	22/9/1999 11:10 11.74	22/9/1999 20:30 11.76
21/9/1999 16:40 9.77	22/9/1999 02:00 10.66	22/9/1999 11:20 11.74	22/9/1999 20:40 11.76
21/9/1999 16:50 9.79	22/9/1999 02:10 10.66	22/9/1999 11:30 11.76	22/9/1999 20:50 11.74
21/9/1999 17:00 9.79	22/9/1999 02:20 10.70	22/9/1999 11:40 11.76	22/9/1999 21:00 11.74
21/9/1999 17:10 9.81	22/9/1999 02:30 10.72	22/9/1999 11:50 11.76	22/9/1999 21:10 11.74
21/9/1999 17:20 9.83	22/9/1999 02:40 10.74	22/9/1999 12:00 11.76	22/9/1999 21:20 11.72
21/9/1999 17:30 9.83	22/9/1999 02:50 10.78	22/9/1999 12:10 11.78	22/9/1999 21:30 11.72
21/9/1999 17:40 9.83	22/9/1999 03:00 10.80	22/9/1999 12:20 11.78	22/9/1999 21:40 11.72
21/9/1999 17:50 9.85	22/9/1999 03:10 10.82	22/9/1999 12:30 11.80	22/9/1999 21:50 11.70
21/9/1999 18:00 9.85	22/9/1999 03:20 10.84	22/9/1999 12:40 11.80	22/9/1999 22:00 11.70
21/9/1999 18:10 9.87	22/9/1999 03:30 10.88	22/9/1999 12:50 11.80	22/9/1999 22:10 11.70
21/9/1999 18:20 9.87	22/9/1999 03:40 10.88	22/9/1999 13:00 11.82	22/9/1999 22:20 11.70
21/9/1999 18:30 9.89	22/9/1999 03:50 10.92	22/9/1999 13:10 11.82	22/9/1999 22:30 11.68
21/9/1999 18:40 9.91	22/9/1999 04:00 10.94	22/9/1999 13:20 11.82	22/9/1999 22:40 11.68
21/9/1999 18:50 9.91	22/9/1999 04:10 10.95	22/9/1999 13:30 11.82	22/9/1999 22:50 11.68
21/9/1999 19:00 9.93	22/9/1999 04:20 10.97	22/9/1999 13:40 11.82	22/9/1999 23:00 11.68
21/9/1999 19:10 9.95	22/9/1999 04:30 10.99	22/9/1999 13:50 11.74	22/9/1999 23:10 11.68
21/9/1999 19:20 9.97	22/9/1999 04:40 11.03	22/9/1999 14:00 11.86	22/9/1999 23:20 11.66
21/9/1999 19:30 9.97	22/9/1999 04:50 11.03	22/9/1999 14:10 11.84	22/9/1999 23:30 11.66
21/9/1999 19:40 10.01	22/9/1999 05:00 11.05	22/9/1999 14:20 11.84	22/9/1999 23:40 11.66
21/9/1999 19:50 10.01	22/9/1999 05:10 11.05	22/9/1999 14:30 11.86	22/9/1999 23:50 11.66
21/9/1999 20:00 10.03	22/9/1999 05:20 11.09	22/9/1999 14:40 11.86	23/9/1999 00:00 11.64
21/9/1999 20:10 10.05	22/9/1999 05:30 11.11	22/9/1999 14:50 11.88	23/9/1999 00:10 11.64
21/9/1999 20:20 10.07	22/9/1999 05:40 11.11	22/9/1999 15:00 11.88	23/9/1999 00:20 11.64
21/9/1999 20:30 10.09	22/9/1999 05:50 11.15	22/9/1999 15:10 11.88	23/9/1999 00:30 11.64
21/9/1999 20:40 10.09	22/9/1999 06:00 11.17	22/9/1999 15:20 11.90	23/9/1999 00:40 11.64
21/9/1999 20:50 10.11	22/9/1999 06:10 11.21	22/9/1999 15:30 11.92	23/9/1999 00:50 11.64
21/9/1999 21:00 10.11	22/9/1999 06:20 11.21	22/9/1999 15:40 11.94	23/9/1999 01:00 11.62
21/9/1999 21:10 10.13	22/9/1999 06:30 11.21	22/9/1999 15:50 11.94	23/9/1999 01:10 11.62
21/9/1999 21:20 10.13	22/9/1999 06:40 11.25	22/9/1999 16:00 11.94	23/9/1999 01:20 11.62
21/9/1999 21:30 10.15	22/9/1999 06:50 11.27	22/9/1999 16:10 11.94	23/9/1999 01:30 11.64
21/9/1999 21:40 10.17	22/9/1999 07:00 11.29	22/9/1999 16:20 11.96	23/9/1999 01:40 11.64
21/9/1999 21:50 10.19	22/9/1999 07:10 11.31	22/9/1999 16:30 11.94	23/9/1999 01:50 11.62
21/9/1999 22:00 10.21	22/9/1999 07:20 11.33	22/9/1999 16:40 11.94	23/9/1999 02:00 11.62
21/9/1999 22:10 10.21	22/9/1999 07:30 11.33	22/9/1999 16:50 11.94	23/9/1999 02:10 11.62
21/9/1999 22:20 10.25	22/9/1999 07:40 11.35	22/9/1999 17:00 11.92	23/9/1999 02:20 11.62
21/9/1999 22:30 10.25	22/9/1999 07:50 11.39	22/9/1999 17:10 11.92	23/9/1999 02:30 11.62

Registro en Sondeo OSMA-A durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

23/9/1999 02:40 11.62	23/9/1999 12:00 11.66	23/9/1999 21:20 11.68	24/9/1999 06:40 11.11
23/9/1999 02:50 11.62	23/9/1999 12:10 11.68	23/9/1999 21:30 11.68	24/9/1999 06:50 11.11
23/9/1999 03:00 11.62	23/9/1999 12:20 11.68	23/9/1999 21:40 11.68	24/9/1999 07:00 11.09
23/9/1999 03:10 11.62	23/9/1999 12:30 11.7	23/9/1999 21:50 11.66	24/9/1999 07:10 11.09
23/9/1999 03:20 11.62	23/9/1999 12:40 11.68	23/9/1999 22:00 11.66	24/9/1999 07:20 11.05
23/9/1999 03:30 11.60	23/9/1999 12:50 11.68	23/9/1999 22:10 11.66	24/9/1999 07:30 11.05
23/9/1999 03:40 11.62	23/9/1999 13:00 11.68	23/9/1999 22:20 11.66	24/9/1999 07:40 11.05
23/9/1999 03:50 11.60	23/9/1999 13:10 11.7	23/9/1999 22:30 11.66	24/9/1999 07:50 11.03
23/9/1999 04:00 11.60	23/9/1999 13:20 11.68	23/9/1999 22:40 11.66	24/9/1999 08:00 11.03
23/9/1999 04:10 11.62	23/9/1999 13:30 11.68	23/9/1999 22:50 11.66	24/9/1999 08:10 11.03
23/9/1999 04:20 11.60	23/9/1999 13:40 11.7	23/9/1999 23:00 11.66	24/9/1999 08:20 11.01
23/9/1999 04:30 11.60	23/9/1999 13:50 11.7	23/9/1999 23:10 11.62	24/9/1999 08:30 10.99
23/9/1999 04:40 11.62	23/9/1999 14:00 11.68	23/9/1999 23:20 11.64	24/9/1999 08:40 10.97
23/9/1999 04:50 11.62	23/9/1999 14:10 11.7	23/9/1999 23:30 11.64	24/9/1999 08:50 10.99
23/9/1999 05:00 11.62	23/9/1999 14:20 11.7	23/9/1999 23:40 11.64	24/9/1999 09:00 10.95
23/9/1999 05:10 11.62	23/9/1999 14:30 11.7	23/9/1999 23:50 11.62	24/9/1999 09:10 10.97
23/9/1999 05:20 11.62	23/9/1999 14:40 11.7	24/9/1999 00:00 11.58	24/9/1999 09:20 10.94
23/9/1999 05:30 11.62	23/9/1999 14:50 11.7	24/9/1999 00:10 11.6	24/9/1999 09:30 10.92
23/9/1999 05:40 11.62	23/9/1999 15:00 11.7	24/9/1999 00:20 11.58	24/9/1999 09:40 10.92
23/9/1999 05:50 11.58	23/9/1999 15:10 11.72	24/9/1999 00:30 11.58	24/9/1999 09:50 10.9
23/9/1999 06:00 11.62	23/9/1999 15:20 11.72	24/9/1999 00:40 11.56	24/9/1999 10:00 10.9
23/9/1999 06:10 11.62	23/9/1999 15:30 11.72	24/9/1999 00:50 11.56	24/9/1999 10:10 10.88
23/9/1999 06:20 11.62	23/9/1999 15:40 11.72	24/9/1999 01:00 11.56	24/9/1999 10:20 10.88
23/9/1999 06:30 11.60	23/9/1999 15:50 11.72	24/9/1999 01:10 11.54	24/9/1999 10:30 10.86
23/9/1999 06:40 11.62	23/9/1999 16:00 11.74	24/9/1999 01:20 11.53	24/9/1999 10:40 10.84
23/9/1999 06:50 11.62	23/9/1999 16:10 11.74	24/9/1999 01:30 11.51	24/9/1999 10:50 10.84
23/9/1999 07:00 11.62	23/9/1999 16:20 11.74	24/9/1999 01:40 11.51	24/9/1999 11:00 10.84
23/9/1999 07:10 11.62	23/9/1999 16:30 11.76	24/9/1999 01:50 11.49	24/9/1999 11:10 10.84
23/9/1999 07:20 11.62	23/9/1999 16:40 11.74	24/9/1999 02:00 11.49	24/9/1999 11:20 10.82
23/9/1999 07:30 11.62	23/9/1999 16:50 11.74	24/9/1999 02:10 11.47	24/9/1999 11:30 10.78
23/9/1999 07:40 11.64	23/9/1999 17:00 11.76	24/9/1999 02:20 11.45	24/9/1999 11:40 10.78
23/9/1999 07:50 11.62	23/9/1999 17:10 11.74	24/9/1999 02:30 11.43	24/9/1999 11:50 10.78
23/9/1999 08:00 11.64	23/9/1999 17:20 11.74	24/9/1999 02:40 11.45	24/9/1999 12:00 10.76
23/9/1999 08:10 11.64	23/9/1999 17:30 11.74	24/9/1999 02:50 11.39	24/9/1999 12:10 10.74
23/9/1999 08:20 11.62	23/9/1999 17:40 11.74	24/9/1999 03:00 11.41	24/9/1999 12:20 10.76
23/9/1999 08:30 11.85	23/9/1999 17:50 11.74	24/9/1999 03:10 11.41	24/9/1999 12:30 10.74
23/9/1999 08:40 11.74	23/9/1999 18:00 11.74	24/9/1999 03:20 11.39	24/9/1999 12:40 10.74
23/9/1999 08:50 11.76	23/9/1999 18:10 11.76	24/9/1999 03:30 11.33	24/9/1999 12:50 10.72
23/9/1999 09:00 11.74	23/9/1999 18:20 11.74	24/9/1999 03:40 11.33	24/9/1999 13:00 10.72
23/9/1999 09:10 11.74	23/9/1999 18:30 11.74	24/9/1999 03:50 11.33	24/9/1999 13:10 10.7
23/9/1999 09:20 11.72	23/9/1999 18:40 11.74	24/9/1999 04:00 11.33	24/9/1999 13:20 10.68
23/9/1999 09:30 11.72	23/9/1999 18:50 11.76	24/9/1999 04:10 11.31	24/9/1999 13:30 10.68
23/9/1999 09:40 11.72	23/9/1999 19:00 11.74	24/9/1999 04:20 11.29	24/9/1999 13:40 10.66
23/9/1999 09:50 11.72	23/9/1999 19:10 11.74	24/9/1999 04:30 11.27	24/9/1999 13:50 10.72
23/9/1999 10:00 11.72	23/9/1999 19:20 11.76	24/9/1999 04:40 11.25	24/9/1999 14:00 10.82
23/9/1999 10:10 11.72	23/9/1999 19:30 11.76	24/9/1999 04:50 11.23	24/9/1999 14:10 10.76
23/9/1999 10:20 11.72	23/9/1999 19:40 11.74	24/9/1999 05:00 11.23	24/9/1999 14:20 10.74
23/9/1999 10:30 11.7	23/9/1999 19:50 11.74	24/9/1999 05:10 11.21	24/9/1999 14:30 10.7
23/9/1999 10:40 11.7	23/9/1999 20:00 11.74	24/9/1999 05:20 11.21	24/9/1999 14:40 10.68
23/9/1999 10:50 11.7	23/9/1999 20:10 11.72	24/9/1999 05:30 11.19	24/9/1999 14:50 10.66
23/9/1999 11:00 11.7	23/9/1999 20:20 11.72	24/9/1999 05:40 11.17	24/9/1999 15:00 10.66
23/9/1999 11:10 11.7	23/9/1999 20:30 11.7	24/9/1999 05:50 11.15	24/9/1999 15:10 10.62
23/9/1999 11:20 11.7	23/9/1999 20:40 11.7	24/9/1999 06:00 11.17	24/9/1999 15:20 10.62
23/9/1999 11:30 11.68	23/9/1999 20:50 11.7	24/9/1999 06:10 11.13	24/9/1999 15:30 10.6
23/9/1999 11:40 11.68	23/9/1999 21:00 11.68	24/9/1999 06:20 11.13	24/9/1999 15:40 10.6
23/9/1999 11:50 11.68	23/9/1999 21:10 11.68	24/9/1999 06:30 11.13	24/9/1999 15:50 10.58

Registro en Sondeo OSMA-A durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

24/9/1999 16:00 10.56	25/9/1999 01:20 10.31	25/9/1999 10:40 10.31	25/9/1999 20:00 10.31
24/9/1999 16:10 10.54	25/9/1999 01:30 10.31	25/9/1999 10:50 10.29	25/9/1999 20:10 10.36
24/9/1999 16:20 10.56	25/9/1999 01:40 10.33	25/9/1999 11:00 10.33	25/9/1999 20:20 10.29
24/9/1999 16:30 10.52	25/9/1999 01:50 10.27	25/9/1999 11:10 10.27	25/9/1999 20:30 10.33
24/9/1999 16:40 10.5	25/9/1999 02:00 10.27	25/9/1999 11:20 10.31	25/9/1999 20:40 10.29
24/9/1999 16:50 10.54	25/9/1999 02:10 10.33	25/9/1999 11:30 10.33	25/9/1999 20:50 10.36
24/9/1999 17:00 10.48	25/9/1999 02:20 10.29	25/9/1999 11:40 10.35	25/9/1999 21:00 10.35
24/9/1999 17:10 10.48	25/9/1999 02:30 10.29	25/9/1999 11:50 10.35	25/9/1999 21:10 10.36
24/9/1999 17:20 10.48	25/9/1999 02:40 10.35	25/9/1999 12:00 10.35	25/9/1999 21:20 10.31
24/9/1999 17:30 10.46	25/9/1999 02:50 10.29	25/9/1999 12:10 10.27	25/9/1999 21:30 10.35
24/9/1999 17:40 10.48	25/9/1999 03:00 10.25	25/9/1999 12:20 10.35	25/9/1999 21:40 10.36
24/9/1999 17:50 10.46	25/9/1999 03:10 10.29	25/9/1999 12:30 10.31	25/9/1999 21:50 10.33
24/9/1999 18:00 10.46	25/9/1999 03:20 10.31	25/9/1999 12:40 10.27	25/9/1999 22:00 10.33
24/9/1999 18:10 10.42	25/9/1999 03:30 10.29	25/9/1999 12:50 10.31	25/9/1999 22:10 10.29
24/9/1999 18:20 10.44	25/9/1999 03:40 10.31	25/9/1999 13:00 10.29	25/9/1999 22:20 10.33
24/9/1999 18:30 10.42	25/9/1999 03:50 10.29	25/9/1999 13:10 10.31	25/9/1999 22:30 10.33
24/9/1999 18:40 10.44	25/9/1999 04:00 10.29	25/9/1999 13:20 10.27	25/9/1999 22:40 10.29
24/9/1999 18:50 10.4	25/9/1999 04:10 10.33	25/9/1999 13:30 10.33	25/9/1999 22:50 10.31
24/9/1999 19:00 10.42	25/9/1999 04:20 10.27	25/9/1999 13:40 10.31	25/9/1999 23:00 10.35
24/9/1999 19:10 10.4	25/9/1999 04:30 10.27	25/9/1999 13:50 10.27	25/9/1999 23:10 10.31
24/9/1999 19:20 10.42	25/9/1999 04:40 10.27	25/9/1999 14:00 10.33	25/9/1999 23:20 10.31
24/9/1999 19:30 10.44	25/9/1999 04:50 10.27	25/9/1999 14:10 10.27	25/9/1999 23:30 10.33
24/9/1999 19:40 10.4	25/9/1999 05:00 10.31	25/9/1999 14:20 10.27	25/9/1999 23:40 10.33
24/9/1999 19:50 10.44	25/9/1999 05:10 10.31	25/9/1999 14:30 10.25	25/9/1999 23:50 10.31
24/9/1999 20:00 10.4	25/9/1999 05:20 10.31	25/9/1999 14:40 10.29	26/9/1999 00:00 10.33
24/9/1999 20:10 10.4	25/9/1999 05:30 10.27	25/9/1999 14:50 10.27	26/9/1999 00:10 10.33
24/9/1999 20:20 10.4	25/9/1999 05:40 10.29	25/9/1999 15:00 10.33	26/9/1999 00:20 10.33
24/9/1999 20:30 10.36	25/9/1999 05:50 10.29	25/9/1999 15:10 10.31	26/9/1999 00:30 10.35
24/9/1999 20:40 10.36	25/9/1999 06:00 10.33	25/9/1999 15:20 10.27	26/9/1999 00:40 10.33
24/9/1999 20:50 10.36	25/9/1999 06:10 10.31	25/9/1999 15:30 10.27	26/9/1999 00:50 10.35
24/9/1999 21:00 10.36	25/9/1999 06:20 10.27	25/9/1999 15:40 10.25	26/9/1999 01:00 10.33
24/9/1999 21:10 10.36	25/9/1999 06:30 10.29	25/9/1999 15:50 10.27	26/9/1999 01:10 10.33
24/9/1999 21:20 10.33	25/9/1999 06:40 10.31	25/9/1999 16:00 10.29	26/9/1999 01:20 10.33
24/9/1999 21:30 10.35	25/9/1999 06:50 10.25	25/9/1999 16:10 10.29	26/9/1999 01:30 10.33
24/9/1999 21:40 10.35	25/9/1999 07:00 10.33	25/9/1999 16:20 10.27	26/9/1999 01:40 10.33
24/9/1999 21:50 10.36	25/9/1999 07:10 10.29	25/9/1999 16:30 10.25	26/9/1999 01:50 10.31
24/9/1999 22:00 10.35	25/9/1999 07:20 10.31	25/9/1999 16:40 10.23	26/9/1999 02:00 10.33
24/9/1999 22:10 10.33	25/9/1999 07:30 10.31	25/9/1999 16:50 10.27	26/9/1999 02:10 10.29
24/9/1999 22:20 10.33	25/9/1999 07:40 10.29	25/9/1999 17:00 10.31	26/9/1999 02:20 10.25
24/9/1999 22:30 10.33	25/9/1999 07:50 10.29	25/9/1999 17:10 10.31	26/9/1999 02:30 10.27
24/9/1999 22:40 10.36	25/9/1999 08:00 10.29	25/9/1999 17:20 10.33	26/9/1999 02:40 10.29
24/9/1999 22:50 10.35	25/9/1999 08:10 10.27	25/9/1999 17:30 10.31	26/9/1999 02:50 10.31
24/9/1999 23:00 10.35	25/9/1999 08:20 10.31	25/9/1999 17:40 10.31	26/9/1999 03:00 10.25
24/9/1999 23:10 10.35	25/9/1999 08:30 10.27	25/9/1999 17:50 10.29	26/9/1999 03:10 10.29
24/9/1999 23:20 10.35	25/9/1999 08:40 10.27	25/9/1999 18:00 10.29	26/9/1999 03:20 10.23
24/9/1999 23:30 10.35	25/9/1999 08:50 10.31	25/9/1999 18:10 10.29	26/9/1999 03:30 10.25
24/9/1999 23:40 10.33	25/9/1999 09:00 10.33	25/9/1999 18:20 10.31	26/9/1999 03:40 10.29
24/9/1999 23:50 10.33	25/9/1999 09:10 10.29	25/9/1999 18:30 10.25	26/9/1999 03:50 10.23
25/9/1999 00:00 10.36	25/9/1999 09:20 10.31	25/9/1999 18:40 10.27	26/9/1999 04:00 10.23
25/9/1999 00:10 10.33	25/9/1999 09:30 10.29	25/9/1999 18:50 10.29	26/9/1999 04:10 10.27
25/9/1999 00:20 10.35	25/9/1999 09:40 10.31	25/9/1999 19:00 10.31	26/9/1999 04:20 10.27
25/9/1999 00:30 10.31	25/9/1999 09:50 10.31	25/9/1999 19:10 10.31	26/9/1999 04:30 10.23
25/9/1999 00:40 10.31	25/9/1999 10:00 10.35	25/9/1999 19:20 10.29	26/9/1999 04:40 10.23
25/9/1999 00:50 10.31	25/9/1999 10:10 10.27	25/9/1999 19:30 10.31	26/9/1999 04:50 10.25
25/9/1999 01:00 10.35	25/9/1999 10:20 10.33	25/9/1999 19:40 10.29	26/9/1999 05:00 10.27
25/9/1999 01:10 10.31	25/9/1999 10:30 10.31	25/9/1999 19:50 10.31	26/9/1999 05:10 10.21

Registro en Sondeo OSMA-A durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

26/9/1999 05:20 10.27	26/9/1999 14:40 10.03	27/9/1999 00:00 9.77	27/9/1999 09:20 9.7
26/9/1999 05:30 10.25	26/9/1999 14:50 10.05	27/9/1999 00:10 9.79	27/9/1999 09:30 9.7
26/9/1999 05:40 10.23	26/9/1999 15:00 10.03	27/9/1999 00:20 9.76	27/9/1999 09:40 9.72
26/9/1999 05:50 10.27	26/9/1999 15:10 9.97	27/9/1999 00:30 9.76	27/9/1999 09:50 9.7
26/9/1999 06:00 10.23	26/9/1999 15:20 9.99	27/9/1999 00:40 9.79	27/9/1999 10:00 9.76
26/9/1999 06:10 10.23	26/9/1999 15:30 9.99	27/9/1999 00:50 9.79	27/9/1999 10:10 9.68
26/9/1999 06:20 10.25	26/9/1999 15:40 10.01	27/9/1999 01:00 9.76	27/9/1999 10:20 9.72
26/9/1999 06:30 10.21	26/9/1999 15:50 9.93	27/9/1999 01:10 9.77	27/9/1999 10:30 9.74
26/9/1999 06:40 10.21	26/9/1999 16:00 9.97	27/9/1999 01:20 9.77	27/9/1999 10:40 9.74
26/9/1999 06:50 10.21	26/9/1999 16:10 9.99	27/9/1999 01:30 9.76	27/9/1999 10:50 9.74
26/9/1999 07:00 10.25	26/9/1999 16:20 9.91	27/9/1999 01:40 9.79	27/9/1999 11:00 9.72
26/9/1999 07:10 10.25	26/9/1999 16:30 9.93	27/9/1999 01:50 9.79	27/9/1999 11:10 9.72
26/9/1999 07:20 10.25	26/9/1999 16:40 9.93	27/9/1999 02:00 9.76	27/9/1999 11:20 9.7
26/9/1999 07:30 10.19	26/9/1999 16:50 9.95	27/9/1999 02:10 9.76	27/9/1999 11:30 9.72
26/9/1999 07:40 10.21	26/9/1999 17:00 9.95	27/9/1999 02:20 9.77	27/9/1999 11:40 9.74
26/9/1999 07:50 10.19	26/9/1999 17:10 9.91	27/9/1999 02:30 9.74	27/9/1999 11:50 9.66
26/9/1999 08:00 10.19	26/9/1999 17:20 9.87	27/9/1999 02:40 9.76	27/9/1999 12:00 9.76
26/9/1999 08:10 10.19	26/9/1999 17:30 9.91	27/9/1999 02:50 9.79	27/9/1999 12:10 9.7
26/9/1999 08:20 10.15	26/9/1999 17:40 9.91	27/9/1999 03:00 9.72	27/9/1999 12:20 9.72
26/9/1999 08:30 10.23	26/9/1999 17:50 9.91	27/9/1999 03:10 9.76	27/9/1999 12:30 9.74
26/9/1999 08:40 10.25	26/9/1999 18:00 9.89	27/9/1999 03:20 9.7	27/9/1999 12:40 9.76
26/9/1999 08:50 10.25	26/9/1999 18:10 9.91	27/9/1999 03:30 9.76	27/9/1999 12:50 9.7
26/9/1999 09:00 10.21	26/9/1999 18:20 9.89	27/9/1999 03:40 9.76	27/9/1999 13:00 9.77
26/9/1999 09:10 10.21	26/9/1999 18:30 9.83	27/9/1999 03:50 9.74	27/9/1999 13:10 9.72
26/9/1999 09:20 10.21	26/9/1999 18:40 9.89	27/9/1999 04:00 9.76	27/9/1999 13:20 9.72
26/9/1999 09:30 10.25	26/9/1999 18:50 9.85	27/9/1999 04:10 9.74	27/9/1999 13:30 9.76
26/9/1999 09:40 10.23	26/9/1999 19:00 9.81	27/9/1999 04:20 9.72	27/9/1999 13:40 9.74
26/9/1999 09:50 10.19	26/9/1999 19:10 9.87	27/9/1999 04:30 9.72	27/9/1999 13:50 9.74
26/9/1999 10:00 10.25	26/9/1999 19:20 9.89	27/9/1999 04:40 9.74	27/9/1999 14:00 9.72
26/9/1999 10:10 10.17	26/9/1999 19:30 9.81	27/9/1999 04:50 9.7	27/9/1999 14:10 9.74
26/9/1999 10:20 10.21	26/9/1999 19:40 9.83	27/9/1999 05:00 9.72	27/9/1999 14:20 9.74
26/9/1999 10:30 10.17	26/9/1999 19:50 9.85	27/9/1999 05:10 9.7	27/9/1999 14:30 9.72
26/9/1999 10:40 10.19	26/9/1999 20:00 9.85	27/9/1999 05:20 9.72	27/9/1999 14:40 9.74
26/9/1999 10:50 10.21	26/9/1999 20:10 9.87	27/9/1999 05:30 9.68	27/9/1999 14:50 9.76
26/9/1999 11:00 10.17	26/9/1999 20:20 9.81	27/9/1999 05:40 9.68	27/9/1999 15:00 9.72
26/9/1999 11:10 10.19	26/9/1999 20:30 9.85	27/9/1999 05:50 9.74	27/9/1999 15:10 9.7
26/9/1999 11:20 10.19	26/9/1999 20:40 9.81	27/9/1999 06:00 9.74	27/9/1999 15:20 9.76
26/9/1999 11:30 10.21	26/9/1999 20:50 9.85	27/9/1999 06:10 9.72	27/9/1999 15:30 9.72
26/9/1999 11:40 10.21	26/9/1999 21:00 9.85	27/9/1999 06:20 9.72	27/9/1999 15:40 9.7
26/9/1999 11:50 10.21	26/9/1999 21:10 9.81	27/9/1999 06:30 9.7	27/9/1999 15:50 9.74
26/9/1999 12:00 10.19	26/9/1999 21:20 9.85	27/9/1999 06:40 9.74	27/9/1999 16:00 9.74
26/9/1999 12:10 10.21	26/9/1999 21:30 9.85	27/9/1999 06:50 9.72	27/9/1999 16:10 9.74
26/9/1999 12:20 10.19	26/9/1999 21:40 9.85	27/9/1999 07:00 9.66	27/9/1999 16:20 9.74
26/9/1999 12:30 10.15	26/9/1999 21:50 9.79	27/9/1999 07:10 9.68	27/9/1999 16:30 9.7
26/9/1999 12:40 10.19	26/9/1999 22:00 9.85	27/9/1999 07:20 9.7	27/9/1999 16:40 9.74
26/9/1999 12:50 10.17	26/9/1999 22:10 9.83	27/9/1999 07:30 9.7	27/9/1999 16:50 9.74
26/9/1999 13:00 10.15	26/9/1999 22:20 9.79	27/9/1999 07:40 9.72	27/9/1999 17:00 9.7
26/9/1999 13:10 10.17	26/9/1999 22:30 9.79	27/9/1999 07:50 9.72	27/9/1999 17:10 9.72
26/9/1999 13:20 10.11	26/9/1999 22:40 9.85	27/9/1999 08:00 9.72	27/9/1999 17:20 9.68
26/9/1999 13:30 10.15	26/9/1999 22:50 9.79	27/9/1999 08:10 9.72	27/9/1999 17:30 9.74
26/9/1999 13:40 10.09	26/9/1999 23:00 9.77	27/9/1999 08:20 9.72	27/9/1999 17:40 9.7
26/9/1999 13:50 10.11	26/9/1999 23:10 9.83	27/9/1999 08:30 9.68	27/9/1999 17:50 9.7
26/9/1999 14:00 10.05	26/9/1999 23:20 9.79	27/9/1999 08:40 9.66	27/9/1999 18:00 9.68
26/9/1999 14:10 10.09	26/9/1999 23:30 9.81	27/9/1999 08:50 9.68	27/9/1999 18:10 9.72
26/9/1999 14:20 10.03	26/9/1999 23:40 9.76	27/9/1999 09:00 9.68	27/9/1999 18:20 9.7
26/9/1999 14:30 10.07	26/9/1999 23:50 9.81	27/9/1999 09:10 9.7	27/9/1999 18:30 9.68

Registro en Sondeo OSMA-A durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

27/9/1999 18:40 9.74	28/9/1999 04:00 9.77	28/9/1999 13:20 9.76	28/9/1999 22:40 9.76
27/9/1999 18:50 9.7	28/9/1999 04:10 9.74	28/9/1999 13:30 9.74	28/9/1999 22:50 9.79
27/9/1999 19:00 9.68	28/9/1999 04:20 9.76	28/9/1999 13:40 9.77	28/9/1999 23:00 9.74
27/9/1999 19:10 9.72	28/9/1999 04:30 9.74	28/9/1999 13:50 9.76	28/9/1999 23:10 9.74
27/9/1999 19:20 9.7	28/9/1999 04:40 9.68	28/9/1999 14:00 9.74	28/9/1999 23:20 9.74
27/9/1999 19:30 9.72	28/9/1999 04:50 9.76	28/9/1999 14:10 9.74	28/9/1999 23:30 9.79
27/9/1999 19:40 9.7	28/9/1999 05:00 9.74	28/9/1999 14:20 9.7	28/9/1999 23:40 9.79
27/9/1999 19:50 9.76	28/9/1999 05:10 9.7	28/9/1999 14:30 9.76	28/9/1999 23:50 9.74
27/9/1999 20:00 9.76	28/9/1999 05:20 9.76	28/9/1999 14:40 9.7	29/9/1999 00:00 9.74
27/9/1999 20:10 9.76	28/9/1999 05:30 9.7	28/9/1999 14:50 9.74	29/9/1999 00:10 9.77
27/9/1999 20:20 9.76	28/9/1999 05:40 9.76	28/9/1999 15:00 9.76	29/9/1999 00:20 9.79
27/9/1999 20:30 9.74	28/9/1999 05:50 9.74	28/9/1999 15:10 9.74	29/9/1999 00:30 9.76
27/9/1999 20:40 9.72	28/9/1999 06:00 9.77	28/9/1999 15:20 9.79	29/9/1999 00:40 9.79
27/9/1999 20:50 9.74	28/9/1999 06:10 9.72	28/9/1999 15:30 9.74	29/9/1999 00:50 9.81
27/9/1999 21:00 9.72	28/9/1999 06:20 9.7	28/9/1999 15:40 9.74	29/9/1999 01:00 9.74
27/9/1999 21:10 9.74	28/9/1999 06:30 9.74	28/9/1999 15:50 9.74	29/9/1999 01:10 9.76
27/9/1999 21:20 9.72	28/9/1999 06:40 9.74	28/9/1999 16:00 9.74	29/9/1999 01:20 9.76
27/9/1999 21:30 9.74	28/9/1999 06:50 9.7	28/9/1999 16:10 9.74	29/9/1999 01:30 9.76
27/9/1999 21:40 9.77	28/9/1999 07:00 9.74	28/9/1999 16:20 9.72	29/9/1999 01:40 9.74
27/9/1999 21:50 9.77	28/9/1999 07:10 9.7	28/9/1999 16:30 9.77	29/9/1999 01:50 9.81
27/9/1999 22:00 9.74	28/9/1999 07:20 9.74	28/9/1999 16:40 9.74	29/9/1999 02:00 9.76
27/9/1999 22:10 9.72	28/9/1999 07:30 9.74	28/9/1999 16:50 9.77	29/9/1999 02:10 9.74
27/9/1999 22:20 9.76	28/9/1999 07:40 9.76	28/9/1999 17:00 9.77	29/9/1999 02:20 9.77
27/9/1999 22:30 9.77	28/9/1999 07:50 9.76	28/9/1999 17:10 9.76	29/9/1999 02:30 9.79
27/9/1999 22:40 9.74	28/9/1999 08:00 9.72	28/9/1999 17:20 9.72	29/9/1999 02:40 9.77
27/9/1999 22:50 9.72	28/9/1999 08:10 9.7	28/9/1999 17:30 9.72	29/9/1999 02:50 9.74
27/9/1999 23:00 9.72	28/9/1999 08:20 9.7	28/9/1999 17:40 9.74	29/9/1999 03:00 9.74
27/9/1999 23:10 9.72	28/9/1999 08:30 9.72	28/9/1999 17:50 9.74	29/9/1999 03:10 9.77
27/9/1999 23:20 9.74	28/9/1999 08:40 9.72	28/9/1999 18:00 9.7	29/9/1999 03:20 9.79
27/9/1999 23:30 9.79	28/9/1999 08:50 9.74	28/9/1999 18:10 9.72	29/9/1999 03:30 9.76
27/9/1999 23:40 9.77	28/9/1999 09:00 9.72	28/9/1999 18:20 9.7	29/9/1999 03:40 9.76
27/9/1999 23:50 9.77	28/9/1999 09:10 9.72	28/9/1999 18:30 9.74	29/9/1999 03:50 9.76
28/9/1999 00:00 9.72	28/9/1999 09:20 9.74	28/9/1999 18:40 9.76	29/9/1999 04:00 9.74
28/9/1999 00:10 9.76	28/9/1999 09:30 9.72	28/9/1999 18:50 9.74	29/9/1999 04:10 9.77
28/9/1999 00:20 9.77	28/9/1999 09:40 9.7	28/9/1999 19:00 9.74	29/9/1999 04:20 9.74
28/9/1999 00:30 9.79	28/9/1999 09:50 9.7	28/9/1999 19:10 9.72	29/9/1999 04:30 9.79
28/9/1999 00:40 9.76	28/9/1999 10:00 9.74	28/9/1999 19:20 9.72	29/9/1999 04:40 9.79
28/9/1999 00:50 9.72	28/9/1999 10:10 9.74	28/9/1999 19:30 9.72	29/9/1999 04:50 9.74
28/9/1999 01:00 9.79	28/9/1999 10:20 9.7	28/9/1999 19:40 9.72	29/9/1999 05:00 9.77
28/9/1999 01:10 9.76	28/9/1999 10:30 9.7	28/9/1999 19:50 9.77	29/9/1999 05:10 9.74
28/9/1999 01:20 9.77	28/9/1999 10:40 9.72	28/9/1999 20:00 9.7	29/9/1999 05:20 9.79
28/9/1999 01:30 9.77	28/9/1999 10:50 9.72	28/9/1999 20:10 9.74	29/9/1999 05:30 9.74
28/9/1999 01:40 9.74	28/9/1999 11:00 9.77	28/9/1999 20:20 9.74	29/9/1999 05:40 9.74
28/9/1999 01:50 9.72	28/9/1999 11:10 9.77	28/9/1999 20:30 9.76	29/9/1999 05:50 9.72
28/9/1999 02:00 9.76	28/9/1999 11:20 9.74	28/9/1999 20:40 9.77	29/9/1999 06:00 9.77
28/9/1999 02:10 9.76	28/9/1999 11:30 9.76	28/9/1999 20:50 9.72	29/9/1999 06:10 9.77
28/9/1999 02:20 9.72	28/9/1999 11:40 9.77	28/9/1999 21:00 9.77	29/9/1999 06:20 9.72
28/9/1999 02:30 9.76	28/9/1999 11:50 9.74	28/9/1999 21:10 9.72	29/9/1999 06:30 9.77
28/9/1999 02:40 9.72	28/9/1999 12:00 9.72	28/9/1999 21:20 9.77	29/9/1999 06:40 9.72
28/9/1999 02:50 9.74	28/9/1999 12:10 9.79	28/9/1999 21:30 9.72	29/9/1999 06:50 9.74
28/9/1999 03:00 9.7	28/9/1999 12:20 9.77	28/9/1999 21:40 9.81	29/9/1999 07:00 9.74
28/9/1999 03:10 9.76	28/9/1999 12:30 9.74	28/9/1999 21:50 9.76	29/9/1999 07:10 9.74
28/9/1999 03:20 9.77	28/9/1999 12:40 9.72	28/9/1999 22:00 9.72	29/9/1999 07:20 9.74
28/9/1999 03:30 9.74	28/9/1999 12:50 9.76	28/9/1999 22:10 9.74	29/9/1999 07:30 9.74
28/9/1999 03:40 9.79	28/9/1999 13:00 9.76	28/9/1999 22:20 9.74	29/9/1999 07:40 9.7
28/9/1999 03:50 9.76	28/9/1999 13:10 9.77	28/9/1999 22:30 9.72	29/9/1999 07:50 9.74

Registro en Sondeo OSMA-A durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

29/9/1999 08:00 9.72	29/9/1999 17:20 9.7	30/9/1999 02:40 9.76	30/9/1999 12:00 9.74
29/9/1999 08:10 9.77	29/9/1999 17:30 9.74	30/9/1999 02:50 9.79	30/9/1999 12:10 9.74
29/9/1999 08:20 9.7	29/9/1999 17:40 9.7	30/9/1999 03:00 9.72	30/9/1999 12:20 9.72
29/9/1999 08:30 9.77	29/9/1999 17:50 9.74	30/9/1999 03:10 9.74	30/9/1999 12:30 9.72
29/9/1999 08:40 9.7	29/9/1999 18:00 9.74	30/9/1999 03:20 9.74	30/9/1999 12:40 9.74
29/9/1999 08:50 9.72	29/9/1999 18:10 9.72	30/9/1999 03:30 9.74	30/9/1999 12:50 9.74
29/9/1999 09:00 9.72	29/9/1999 18:20 9.74	30/9/1999 03:40 9.76	30/9/1999 13:00 9.74
29/9/1999 09:10 9.7	29/9/1999 18:30 9.72	30/9/1999 03:50 9.79	30/9/1999 13:10 9.76
29/9/1999 09:20 9.72	29/9/1999 18:40 9.74	30/9/1999 04:00 9.74	30/9/1999 13:20 9.74
29/9/1999 09:30 9.74	29/9/1999 18:50 9.72	30/9/1999 04:10 9.77	30/9/1999 13:30 9.72
29/9/1999 09:40 9.74	29/9/1999 19:00 9.72	30/9/1999 04:20 9.72	30/9/1999 13:40 9.72
29/9/1999 09:50 9.72	29/9/1999 19:10 9.72	30/9/1999 04:30 9.74	30/9/1999 13:50 9.77
29/9/1999 10:00 9.72	29/9/1999 19:20 9.76	30/9/1999 04:40 9.74	30/9/1999 14:00 9.72
29/9/1999 10:10 9.72	29/9/1999 19:30 9.76	30/9/1999 04:50 9.77	30/9/1999 14:10 9.72
29/9/1999 10:20 9.72	29/9/1999 19:40 9.74	30/9/1999 05:00 9.74	30/9/1999 14:20 9.77
29/9/1999 10:30 9.74	29/9/1999 19:50 9.76	30/9/1999 05:10 9.76	30/9/1999 14:30 9.76
29/9/1999 10:40 9.72	29/9/1999 20:00 9.72	30/9/1999 05:20 9.76	30/9/1999 14:40 9.74
29/9/1999 10:50 9.7	29/9/1999 20:10 9.72	30/9/1999 05:30 9.76	30/9/1999 14:50 9.7
29/9/1999 11:00 9.74	29/9/1999 20:20 9.76	30/9/1999 05:40 9.7	30/9/1999 15:00 9.74
29/9/1999 11:10 9.7	29/9/1999 20:30 9.74	30/9/1999 05:50 9.74	30/9/1999 15:10 9.76
29/9/1999 11:20 9.72	29/9/1999 20:40 9.72	30/9/1999 06:00 9.74	30/9/1999 15:20 9.76
29/9/1999 11:30 9.72	29/9/1999 20:50 9.72	30/9/1999 06:10 9.77	30/9/1999 15:30 9.74
29/9/1999 11:40 9.74	29/9/1999 21:00 9.77	30/9/1999 06:20 9.77	30/9/1999 15:40 9.74
29/9/1999 11:50 9.74	29/9/1999 21:10 9.74	30/9/1999 06:30 9.74	30/9/1999 15:50 9.72
29/9/1999 12:00 9.72	29/9/1999 21:20 9.74	30/9/1999 06:40 9.74	30/9/1999 16:00 9.74
29/9/1999 12:10 9.74	29/9/1999 21:30 9.74	30/9/1999 06:50 9.72	30/9/1999 16:10 9.72
29/9/1999 12:20 9.74	29/9/1999 21:40 9.74	30/9/1999 07:00 9.74	30/9/1999 16:20 9.72
29/9/1999 12:30 9.74	29/9/1999 21:50 9.74	30/9/1999 07:10 9.74	30/9/1999 16:30 9.74
29/9/1999 12:40 9.76	29/9/1999 22:00 9.74	30/9/1999 07:20 9.76	30/9/1999 16:40 9.74
29/9/1999 12:50 9.74	29/9/1999 22:10 9.72	30/9/1999 07:30 9.77	30/9/1999 16:50 9.74
29/9/1999 13:00 9.79	29/9/1999 22:20 9.76	30/9/1999 07:40 9.76	30/9/1999 17:00 9.77
29/9/1999 13:10 9.72	29/9/1999 22:30 9.72	30/9/1999 07:50 9.72	30/9/1999 17:10 9.74
29/9/1999 13:20 9.74	29/9/1999 22:40 9.77	30/9/1999 08:00 9.72	30/9/1999 17:20 9.74
29/9/1999 13:30 9.72	29/9/1999 22:50 9.76	30/9/1999 08:10 9.72	30/9/1999 17:30 9.77
29/9/1999 13:40 9.79	29/9/1999 23:00 9.76	30/9/1999 08:20 9.72	30/9/1999 17:40 9.72
29/9/1999 13:50 9.72	29/9/1999 23:10 9.72	30/9/1999 08:30 9.7	30/9/1999 17:50 9.74
29/9/1999 14:00 9.76	29/9/1999 23:20 9.72	30/9/1999 08:40 9.76	30/9/1999 18:00 9.7
29/9/1999 14:10 9.74	29/9/1999 23:30 9.7	30/9/1999 08:50 9.7	30/9/1999 18:10 9.72
29/9/1999 14:20 9.72	29/9/1999 23:40 9.74	30/9/1999 09:00 9.77	30/9/1999 18:20 9.72
29/9/1999 14:30 9.74	29/9/1999 23:50 9.74	30/9/1999 09:10 9.74	30/9/1999 18:30 9.7
29/9/1999 14:40 9.74	30/9/1999 00:00 9.74	30/9/1999 09:20 9.74	30/9/1999 18:40 9.7
29/9/1999 14:50 9.74	30/9/1999 00:10 9.77	30/9/1999 09:30 9.74	30/9/1999 18:50 9.74
29/9/1999 15:00 9.7	30/9/1999 00:20 9.76	30/9/1999 09:40 9.74	30/9/1999 19:00 9.74
29/9/1999 15:10 9.72	30/9/1999 00:30 9.72	30/9/1999 09:50 9.68	30/9/1999 19:10 9.72
29/9/1999 15:20 9.72	30/9/1999 00:40 9.76	30/9/1999 10:00 9.76	30/9/1999 19:20 9.77
29/9/1999 15:30 9.72	30/9/1999 00:50 9.77	30/9/1999 10:10 9.77	30/9/1999 19:30 9.7
29/9/1999 15:40 9.72	30/9/1999 01:00 9.76	30/9/1999 10:20 9.74	30/9/1999 19:40 9.76
29/9/1999 15:50 9.77	30/9/1999 01:10 9.76	30/9/1999 10:30 9.72	30/9/1999 19:50 9.76
29/9/1999 16:00 9.72	30/9/1999 01:20 9.76	30/9/1999 10:40 9.74	30/9/1999 20:00 9.7
29/9/1999 16:10 9.72	30/9/1999 01:30 9.77	30/9/1999 10:50 9.74	30/9/1999 20:10 9.72
29/9/1999 16:20 9.72	30/9/1999 01:40 9.77	30/9/1999 11:00 9.74	30/9/1999 20:20 9.72
29/9/1999 16:30 9.7	30/9/1999 01:50 9.76	30/9/1999 11:10 9.74	30/9/1999 20:30 9.76
29/9/1999 16:40 9.72	30/9/1999 02:00 9.76	30/9/1999 11:20 9.74	30/9/1999 20:40 9.74
29/9/1999 16:50 9.72	30/9/1999 02:10 9.74	30/9/1999 11:30 9.74	30/9/1999 20:50 9.74
29/9/1999 17:00 9.72	30/9/1999 02:20 9.76	30/9/1999 11:40 9.72	30/9/1999 21:00 9.72
29/9/1999 17:10 9.74	30/9/1999 02:30 9.74	30/9/1999 11:50 9.74	30/9/1999 21:10 9.72

Registro en Sondeo OSMA-A durante las pruebas de producción en OSMA-C y D (Fecha-Hora-Nivel m.)

30/9/1999 21:20 9.76
30/9/1999 21:30 9.74
30/9/1999 21:40 9.7
30/9/1999 21:50 9.76
30/9/1999 22:00 9.76
30/9/1999 22:10 9.7
30/9/1999 22:20 9.74
30/9/1999 22:30 9.74
30/9/1999 22:40 9.74
30/9/1999 22:50 9.7
30/9/1999 23:00 9.74
30/9/1999 23:10 9.7
30/9/1999 23:20 9.72
30/9/1999 23:30 9.77
30/9/1999 23:40 9.76
30/9/1999 23:50 9.76

Registro en Sondeo OSMA-B durante las pruebas de producción en OSMA-D (Fecha-Hora-Nivel m.)

9/24/99 10:40 20.92	9/24/99 15:20 20.82	9/24/99 20:00 20.78	9/25/99 0:40 20.76
9/24/99 10:45 20.9	9/24/99 15:25 20.82	9/24/99 20:05 20.78	9/25/99 0:45 20.76
9/24/99 10:50 20.9	9/24/99 15:30 20.82	9/24/99 20:10 20.78	9/25/99 0:50 20.76
9/24/99 10:55 20.9	9/24/99 15:35 20.82	9/24/99 20:15 20.78	9/25/99 0:55 20.76
9/24/99 11:00 20.88	9/24/99 15:40 20.82	9/24/99 20:20 20.78	9/25/99 1:00 20.76
9/24/99 11:05 20.88	9/24/99 15:45 20.82	9/24/99 20:25 20.76	9/25/99 1:05 20.76
9/24/99 11:10 20.88	9/24/99 15:50 20.82	9/24/99 20:30 20.76	9/25/99 1:10 20.76
9/24/99 11:15 20.88	9/24/99 15:55 20.8	9/24/99 20:35 20.76	9/25/99 1:15 20.76
9/24/99 11:20 20.88	9/24/99 16:00 20.8	9/24/99 20:40 20.76	9/25/99 1:20 20.76
9/24/99 11:25 20.88	9/24/99 16:05 20.8	9/24/99 20:45 20.76	9/25/99 1:25 20.76
9/24/99 11:30 20.88	9/24/99 16:10 20.78	9/24/99 20:50 20.78	9/25/99 1:30 20.76
9/24/99 11:35 20.88	9/24/99 16:15 20.78	9/24/99 20:55 20.78	9/25/99 1:35 20.76
9/24/99 11:40 20.88	9/24/99 16:20 20.78	9/24/99 21:00 20.78	9/25/99 1:40 20.76
9/24/99 11:45 20.9	9/24/99 16:25 20.8	9/24/99 21:05 20.78	9/25/99 1:45 20.76
9/24/99 11:50 20.9	9/24/99 16:30 20.8	9/24/99 21:10 20.78	9/25/99 1:50 20.76
9/24/99 11:55 20.9	9/24/99 16:35 20.8	9/24/99 21:15 20.78	9/25/99 1:55 20.76
9/24/99 12:00 20.9	9/24/99 16:40 20.8	9/24/99 21:20 20.78	9/25/99 2:00 20.76
9/24/99 12:05 20.9	9/24/99 16:45 20.8	9/24/99 21:25 20.78	9/25/99 2:05 20.76
9/24/99 12:10 20.9	9/24/99 16:50 20.8	9/24/99 21:30 20.78	9/25/99 2:10 20.76
9/24/99 12:15 20.9	9/24/99 16:55 20.8	9/24/99 21:35 20.78	9/25/99 2:15 20.76
9/24/99 12:20 20.9	9/24/99 17:00 20.8	9/24/99 21:40 20.78	9/25/99 2:20 20.76
9/24/99 12:25 20.9	9/24/99 17:05 20.8	9/24/99 21:45 20.78	9/25/99 2:25 20.76
9/24/99 12:30 20.9	9/24/99 17:10 20.8	9/24/99 21:50 20.78	9/25/99 2:30 20.76
9/24/99 12:35 20.88	9/24/99 17:15 20.78	9/24/99 21:55 20.78	9/25/99 2:35 20.76
9/24/99 12:40 20.88	9/24/99 17:20 20.78	9/24/99 22:00 20.78	9/25/99 2:40 20.76
9/24/99 12:45 20.88	9/24/99 17:25 20.78	9/24/99 22:05 20.78	9/25/99 2:45 20.76
9/24/99 12:50 20.88	9/24/99 17:30 20.76	9/24/99 22:10 20.78	9/25/99 2:50 20.76
9/24/99 12:55 20.88	9/24/99 17:35 20.76	9/24/99 22:15 20.76	9/25/99 2:55 20.76
9/24/99 13:00 20.88	9/24/99 17:40 20.76	9/24/99 22:20 20.76	9/25/99 3:00 20.76
9/24/99 13:05 20.88	9/24/99 17:45 20.76	9/24/99 22:25 20.78	9/25/99 3:05 20.76
9/24/99 13:10 20.88	9/24/99 17:50 20.76	9/24/99 22:30 20.78	9/25/99 3:10 20.76
9/24/99 13:15 20.88	9/24/99 17:55 20.76	9/24/99 22:35 20.76	9/25/99 3:15 20.76
9/24/99 13:20 20.88	9/24/99 18:00 20.76	9/24/99 22:40 20.78	9/25/99 3:20 20.76
9/24/99 13:25 20.88	9/24/99 18:05 20.76	9/24/99 22:45 20.76	9/25/99 3:25 20.76
9/24/99 13:30 20.88	9/24/99 18:10 20.76	9/24/99 22:50 20.76	9/25/99 3:30 20.76
9/24/99 13:35 20.88	9/24/99 18:15 20.76	9/24/99 22:55 20.76	9/25/99 3:35 20.76
9/24/99 13:40 20.88	9/24/99 18:20 20.76	9/24/99 23:00 20.78	9/25/99 3:40 20.76
9/24/99 13:45 20.88	9/24/99 18:25 20.76	9/24/99 23:05 20.76	9/25/99 3:45 20.76
9/24/99 13:50 20.88	9/24/99 18:30 20.76	9/24/99 23:10 20.76	9/25/99 3:50 20.76
9/24/99 13:55 20.88	9/24/99 18:35 20.76	9/24/99 23:15 20.76	9/25/99 3:55 20.76
9/24/99 14:00 20.86	9/24/99 18:40 20.76	9/24/99 23:20 20.76	9/25/99 4:00 20.76
9/24/99 14:05 20.86	9/24/99 18:45 20.76	9/24/99 23:25 20.76	9/25/99 4:05 20.76
9/24/99 14:10 20.86	9/24/99 18:50 20.76	9/24/99 23:30 20.76	9/25/99 4:10 20.76
9/24/99 14:15 20.86	9/24/99 18:55 20.76	9/24/99 23:35 20.76	9/25/99 4:15 20.76
9/24/99 14:20 20.86	9/24/99 19:00 20.76	9/24/99 23:40 20.76	9/25/99 4:20 20.76
9/24/99 14:25 20.86	9/24/99 19:05 20.76	9/24/99 23:45 20.76	9/25/99 4:25 20.76
9/24/99 14:30 20.86	9/24/99 19:10 20.76	9/24/99 23:50 20.76	9/25/99 4:30 20.76
9/24/99 14:35 20.84	9/24/99 19:15 20.76	9/24/99 23:55 20.76	9/25/99 4:35 20.76
9/24/99 14:40 20.84	9/24/99 19:20 20.76	9/25/99 0:00 20.76	9/25/99 4:40 20.76
9/24/99 14:45 20.84	9/24/99 19:25 20.76	9/25/99 0:05 20.76	9/25/99 4:45 20.76
9/24/99 14:50 20.84	9/24/99 19:30 20.76	9/25/99 0:10 20.76	9/25/99 4:50 20.76
9/24/99 14:55 20.84	9/24/99 19:35 20.76	9/25/99 0:15 20.76	9/25/99 4:55 20.76
9/24/99 15:00 20.84	9/24/99 19:40 20.76	9/25/99 0:20 20.76	9/25/99 5:00 20.76
9/24/99 15:05 20.82	9/24/99 19:45 20.76	9/25/99 0:25 20.76	9/25/99 5:05 20.76
9/24/99 15:10 20.82	9/24/99 19:50 20.78	9/25/99 0:30 20.76	9/25/99 5:10 20.76
9/24/99 15:15 20.82	9/24/99 19:55 20.76	9/25/99 0:35 20.76	9/25/99 5:15 20.78

Registro en Sondeo OSMA-B durante las pruebas de producción en OSMA-D (Fecha-Hora-Nivel m.)

9/25/99 5:20 20.78	9/25/99 10:00 20.94	9/25/99 14:40 20.88	9/25/99 19:20 20.84
9/25/99 5:25 20.78	9/25/99 10:05 20.94	9/25/99 14:45 20.88	9/25/99 19:25 20.84
9/25/99 5:30 20.78	9/25/99 10:10 20.94	9/25/99 14:50 20.88	9/25/99 19:30 20.84
9/25/99 5:35 20.78	9/25/99 10:15 20.96	9/25/99 14:55 20.88	9/25/99 19:35 20.84
9/25/99 5:40 20.78	9/25/99 10:20 20.96	9/25/99 15:00 20.88	9/25/99 19:40 20.84
9/25/99 5:45 20.78	9/25/99 10:25 20.94	9/25/99 15:05 20.86	9/25/99 19:45 20.84
9/25/99 5:50 20.78	9/25/99 10:30 20.96	9/25/99 15:10 20.86	9/25/99 19:50 20.84
9/25/99 5:55 20.78	9/25/99 10:35 20.94	9/25/99 15:15 20.84	9/25/99 19:55 20.84
9/25/99 6:00 20.78	9/25/99 10:40 20.98	9/25/99 15:20 20.84	9/25/99 20:00 20.84
9/25/99 6:05 20.78	9/25/99 10:45 20.98	9/25/99 15:25 20.84	9/25/99 20:05 20.84
9/25/99 6:10 20.78	9/25/99 10:50 20.98	9/25/99 15:30 20.84	9/25/99 20:10 20.84
9/25/99 6:15 20.78	9/25/99 10:55 20.98	9/25/99 15:35 20.84	9/25/99 20:15 20.84
9/25/99 6:20 20.78	9/25/99 11:00 20.96	9/25/99 15:40 20.84	9/25/99 20:20 20.82
9/25/99 6:25 20.78	9/25/99 11:05 20.96	9/25/99 15:45 20.84	9/25/99 20:25 20.84
9/25/99 6:30 20.78	9/25/99 11:10 20.96	9/25/99 15:50 20.82	9/25/99 20:30 20.84
9/25/99 6:35 20.78	9/25/99 11:15 20.96	9/25/99 15:55 20.82	9/25/99 20:35 20.84
9/25/99 6:40 20.8	9/25/99 11:20 20.96	9/25/99 16:00 20.82	9/25/99 20:40 20.82
9/25/99 6:45 20.8	9/25/99 11:25 20.96	9/25/99 16:05 20.82	9/25/99 20:45 20.84
9/25/99 6:50 20.8	9/25/99 11:30 20.96	9/25/99 16:10 20.82	9/25/99 20:50 20.82
9/25/99 6:55 20.8	9/25/99 11:35 21	9/25/99 16:15 20.82	9/25/99 20:55 20.84
9/25/99 7:00 20.8	9/25/99 11:40 21	9/25/99 16:20 20.82	9/25/99 21:00 20.82
9/25/99 7:05 20.8	9/25/99 11:45 21	9/25/99 16:25 20.82	9/25/99 21:05 20.82
9/25/99 7:10 20.8	9/25/99 11:50 21	9/25/99 16:30 20.82	9/25/99 21:10 20.82
9/25/99 7:15 20.8	9/25/99 11:55 21.02	9/25/99 16:35 20.82	9/25/99 21:15 20.84
9/25/99 7:20 20.8	9/25/99 12:00 21.02	9/25/99 16:40 20.82	9/25/99 21:20 20.82
9/25/99 7:25 20.8	9/25/99 12:05 21	9/25/99 16:45 20.82	9/25/99 21:25 20.82
9/25/99 7:30 20.8	9/25/99 12:10 21	9/25/99 16:50 20.82	9/25/99 21:30 20.82
9/25/99 7:35 20.82	9/25/99 12:15 21	9/25/99 16:55 20.82	9/25/99 21:35 20.82
9/25/99 7:40 20.82	9/25/99 12:20 20.98	9/25/99 17:00 20.82	9/25/99 21:40 20.82
9/25/99 7:45 20.82	9/25/99 12:25 20.98	9/25/99 17:05 20.82	9/25/99 21:45 20.82
9/25/99 7:50 20.82	9/25/99 12:30 20.98	9/25/99 17:10 20.82	9/25/99 21:50 20.82
9/25/99 7:55 20.84	9/25/99 12:35 20.98	9/25/99 17:15 20.82	9/25/99 21:55 20.82
9/25/99 8:00 20.84	9/25/99 12:40 20.96	9/25/99 17:20 20.82	9/25/99 22:00 20.82
9/25/99 8:05 20.84	9/25/99 12:45 20.98	9/25/99 17:25 20.82	9/25/99 22:05 20.82
9/25/99 8:10 20.84	9/25/99 12:50 20.98	9/25/99 17:30 20.8	9/25/99 22:10 20.82
9/25/99 8:15 20.84	9/25/99 12:55 20.98	9/25/99 17:35 20.82	9/25/99 22:15 20.82
9/25/99 8:20 20.84	9/25/99 13:00 20.98	9/25/99 17:40 20.82	9/25/99 22:20 20.82
9/25/99 8:25 20.84	9/25/99 13:05 20.98	9/25/99 17:45 20.82	9/25/99 22:25 20.82
9/25/99 8:30 20.84	9/25/99 13:10 20.98	9/25/99 17:50 20.82	9/25/99 22:30 20.8
9/25/99 8:35 20.84	9/25/99 13:15 20.98	9/25/99 17:55 20.82	9/25/99 22:35 20.8
9/25/99 8:40 20.86	9/25/99 13:20 20.98	9/25/99 18:00 20.82	9/25/99 22:40 20.8
9/25/99 8:45 20.86	9/25/99 13:25 20.98	9/25/99 18:05 20.82	9/25/99 22:45 20.8
9/25/99 8:50 20.88	9/25/99 13:30 20.98	9/25/99 18:10 20.82	9/25/99 22:50 20.8
9/25/99 8:55 20.88	9/25/99 13:35 20.98	9/25/99 18:15 20.82	9/25/99 22:55 20.8
9/25/99 9:00 20.88	9/25/99 13:40 20.98	9/25/99 18:20 20.82	9/25/99 23:00 20.8
9/25/99 9:05 20.88	9/25/99 13:45 20.96	9/25/99 18:25 20.82	9/25/99 23:05 20.8
9/25/99 9:10 20.88	9/25/99 13:50 20.96	9/25/99 18:30 20.82	9/25/99 23:10 20.8
9/25/99 9:15 20.9	9/25/99 13:55 20.96	9/25/99 18:35 20.84	9/25/99 23:15 20.8
9/25/99 9:20 20.9	9/25/99 14:00 20.92	9/25/99 18:40 20.84	9/25/99 23:20 20.8
9/25/99 9:25 20.9	9/25/99 14:05 20.92	9/25/99 18:45 20.82	9/25/99 23:25 20.8
9/25/99 9:30 20.9	9/25/99 14:10 20.92	9/25/99 18:50 20.84	9/25/99 23:30 20.8
9/25/99 9:35 20.92	9/25/99 14:15 20.9	9/25/99 18:55 20.84	9/25/99 23:35 20.8
9/25/99 9:40 20.92	9/25/99 14:20 20.9	9/25/99 19:00 20.84	9/25/99 23:40 20.8
9/25/99 9:45 20.92	9/25/99 14:25 20.88	9/25/99 19:05 20.84	9/25/99 23:45 20.8
9/25/99 9:50 20.94	9/25/99 14:30 20.88	9/25/99 19:10 20.84	9/25/99 23:50 20.8
9/25/99 9:55 20.94	9/25/99 14:35 20.88	9/25/99 19:15 20.84	9/25/99 23:55 20.8

Registro en Sondeo OSMA-B durante las pruebas de producción en OSMA-D (Fecha-Hora-Nivel m.)

9/26/99 0:00 20.8	9/26/99 4:40 20.74	9/26/99 9:20 20.96	9/26/99 14:00 20.96
9/26/99 0:05 20.8	9/26/99 4:45 20.74	9/26/99 9:25 20.96	9/26/99 14:05 20.96
9/26/99 0:10 20.8	9/26/99 4:50 20.74	9/26/99 9:30 20.98	9/26/99 14:10 20.96
9/26/99 0:15 20.8	9/26/99 4:55 20.74	9/26/99 9:35 20.96	9/26/99 14:15 20.96
9/26/99 0:20 20.8	9/26/99 5:00 20.74	9/26/99 9:40 20.96	9/26/99 14:20 20.96
9/26/99 0:25 20.8	9/26/99 5:05 20.74	9/26/99 9:45 20.96	9/26/99 14:25 20.96
9/26/99 0:30 20.8	9/26/99 5:10 20.74	9/26/99 9:50 20.98	9/26/99 14:30 20.96
9/26/99 0:35 20.8	9/26/99 5:15 20.74	9/26/99 9:55 21	9/26/99 14:35 20.92
9/26/99 0:40 20.8	9/26/99 5:20 20.74	9/26/99 10:00 21	9/26/99 14:40 20.92
9/26/99 0:45 20.8	9/26/99 5:25 20.76	9/26/99 10:05 21	9/26/99 14:45 20.94
9/26/99 0:50 20.8	9/26/99 5:30 20.76	9/26/99 10:10 21	9/26/99 14:50 20.94
9/26/99 0:55 20.8	9/26/99 5:35 20.76	9/26/99 10:15 21.02	9/26/99 14:55 20.94
9/26/99 1:00 20.78	9/26/99 5:40 20.76	9/26/99 10:20 21.02	9/26/99 15:00 20.92
9/26/99 1:05 20.8	9/26/99 5:45 20.76	9/26/99 10:25 21.02	9/26/99 15:05 20.92
9/26/99 1:10 20.78	9/26/99 5:50 20.76	9/26/99 10:30 21.02	9/26/99 15:10 20.92
9/26/99 1:15 20.78	9/26/99 5:55 20.76	9/26/99 10:35 21.02	9/26/99 15:15 20.94
9/26/99 1:20 20.78	9/26/99 6:00 20.78	9/26/99 10:40 21.02	9/26/99 15:20 20.94
9/26/99 1:25 20.78	9/26/99 6:05 20.78	9/26/99 10:45 21.02	9/26/99 15:25 20.94
9/26/99 1:30 20.78	9/26/99 6:10 20.78	9/26/99 10:50 21.02	9/26/99 15:30 20.94
9/26/99 1:35 20.78	9/26/99 6:15 20.78	9/26/99 10:55 21.04	9/26/99 15:35 20.94
9/26/99 1:40 20.78	9/26/99 6:20 20.82	9/26/99 11:00 21.02	9/26/99 15:40 20.94
9/26/99 1:45 20.78	9/26/99 6:25 20.82	9/26/99 11:05 21	9/26/99 15:45 20.92
9/26/99 1:50 20.78	9/26/99 6:30 20.82	9/26/99 11:10 21.02	9/26/99 15:50 20.92
9/26/99 1:55 20.78	9/26/99 6:35 20.82	9/26/99 11:15 21.02	9/26/99 15:55 20.92
9/26/99 2:00 20.78	9/26/99 6:40 20.84	9/26/99 11:20 21.04	9/26/99 16:00 20.92
9/26/99 2:05 20.78	9/26/99 6:45 20.84	9/26/99 11:25 21.02	9/26/99 16:05 20.9
9/26/99 2:10 20.78	9/26/99 6:50 20.84	9/26/99 11:30 21.02	9/26/99 16:10 20.9
9/26/99 2:15 20.78	9/26/99 6:55 20.84	9/26/99 11:35 21	9/26/99 16:15 20.9
9/26/99 2:20 20.76	9/26/99 7:00 20.86	9/26/99 11:40 21	9/26/99 16:20 20.9
9/26/99 2:25 20.78	9/26/99 7:05 20.86	9/26/99 11:45 21	9/26/99 16:25 20.88
9/26/99 2:30 20.78	9/26/99 7:10 20.86	9/26/99 11:50 21	9/26/99 16:30 20.88
9/26/99 2:35 20.78	9/26/99 7:15 20.86	9/26/99 11:55 21	9/26/99 16:35 20.88
9/26/99 2:40 20.76	9/26/99 7:20 20.88	9/26/99 12:00 21	9/26/99 16:40 20.88
9/26/99 2:45 20.76	9/26/99 7:25 20.88	9/26/99 12:05 21	9/26/99 16:45 20.88
9/26/99 2:50 20.76	9/26/99 7:30 20.88	9/26/99 12:10 21	9/26/99 16:50 20.88
9/26/99 2:55 20.76	9/26/99 7:35 20.88	9/26/99 12:15 21.02	9/26/99 16:55 20.86
9/26/99 3:00 20.76	9/26/99 7:40 20.9	9/26/99 12:20 21	9/26/99 17:00 20.86
9/26/99 3:05 20.76	9/26/99 7:45 20.92	9/26/99 12:25 21	9/26/99 17:05 20.86
9/26/99 3:10 20.76	9/26/99 7:50 20.92	9/26/99 12:30 21	9/26/99 17:10 20.86
9/26/99 3:15 20.76	9/26/99 7:55 20.92	9/26/99 12:35 21	9/26/99 17:15 20.86
9/26/99 3:20 20.76	9/26/99 8:00 20.94	9/26/99 12:40 21.02	9/26/99 17:20 20.86
9/26/99 3:25 20.74	9/26/99 8:05 20.94	9/26/99 12:45 21.04	9/26/99 17:25 20.86
9/26/99 3:30 20.74	9/26/99 8:10 20.94	9/26/99 12:50 21.04	9/26/99 17:30 20.86
9/26/99 3:35 20.74	9/26/99 8:15 20.94	9/26/99 12:55 21.04	9/26/99 17:35 20.86
9/26/99 3:40 20.74	9/26/99 8:20 20.92	9/26/99 13:00 21.02	9/26/99 17:40 20.86
9/26/99 3:45 20.74	9/26/99 8:25 20.94	9/26/99 13:05 21.02	9/26/99 17:45 20.84
9/26/99 3:50 20.74	9/26/99 8:30 20.96	9/26/99 13:10 21	9/26/99 17:50 20.84
9/26/99 3:55 20.74	9/26/99 8:35 20.96	9/26/99 13:15 21	9/26/99 17:55 20.84
9/26/99 4:00 20.74	9/26/99 8:40 20.96	9/26/99 13:20 21	9/26/99 18:00 20.86
9/26/99 4:05 20.74	9/26/99 8:45 20.96	9/26/99 13:25 21	9/26/99 18:05 20.86
9/26/99 4:10 20.74	9/26/99 8:50 20.98	9/26/99 13:30 21	9/26/99 18:10 20.86
9/26/99 4:15 20.74	9/26/99 8:55 20.98	9/26/99 13:35 21	9/26/99 18:15 20.86
9/26/99 4:20 20.74	9/26/99 9:00 20.98	9/26/99 13:40 20.98	9/26/99 18:20 20.86
9/26/99 4:25 20.74	9/26/99 9:05 20.98	9/26/99 13:45 20.98	9/26/99 18:25 20.86
9/26/99 4:30 20.74	9/26/99 9:10 20.96	9/26/99 13:50 20.98	9/26/99 18:30 20.86
9/26/99 4:35 20.74	9/26/99 9:15 20.96	9/26/99 13:55 20.96	9/26/99 18:35 20.86

Registro en Sondeo OSMA-B durante las pruebas de producción en OSMA-D (Fecha-Hora-Nivel m.)

9/26/99 18:40 20.86	9/26/99 23:20 20.84	9/27/99 4:00 20.82
9/26/99 18:45 20.86	9/26/99 23:25 20.84	9/27/99 4:05 20.82
9/26/99 18:50 20.86	9/26/99 23:30 20.84	9/27/99 4:10 20.8
9/26/99 18:55 20.86	9/26/99 23:35 20.84	9/27/99 4:15 20.82
9/26/99 19:00 20.86	9/26/99 23:40 20.84	9/27/99 4:20 20.78
9/26/99 19:05 20.86	9/26/99 23:45 20.84	9/27/99 4:25 20.8
9/26/99 19:10 20.86	9/26/99 23:50 20.84	9/27/99 4:30 20.8
9/26/99 19:15 20.86	9/26/99 23:55 20.86	9/27/99 4:35 20.8
9/26/99 19:20 20.86	9/27/99 0:00 20.84	9/27/99 4:40 20.8
9/26/99 19:25 20.86	9/27/99 0:05 20.86	9/27/99 4:45 20.78
9/26/99 19:30 20.86	9/27/99 0:10 20.86	9/27/99 4:50 20.78
9/26/99 19:35 20.86	9/27/99 0:15 20.86	9/27/99 4:55 20.8
9/26/99 19:40 20.86	9/27/99 0:20 20.86	9/27/99 5:00 20.78
9/26/99 19:45 20.86	9/27/99 0:25 20.86	9/27/99 5:05 20.8
9/26/99 19:50 20.86	9/27/99 0:30 20.84	9/27/99 5:10 20.8
9/26/99 19:55 20.86	9/27/99 0:35 20.84	9/27/99 5:15 20.78
9/26/99 20:00 20.86	9/27/99 0:40 20.84	9/27/99 5:20 20.8
9/26/99 20:05 20.86	9/27/99 0:45 20.84	9/27/99 5:25 20.8
9/26/99 20:10 20.86	9/27/99 0:50 20.84	9/27/99 5:30 20.8
9/26/99 20:15 20.86	9/27/99 0:55 20.84	9/27/99 5:35 20.8
9/26/99 20:20 20.86	9/27/99 1:00 20.84	9/27/99 5:40 20.8
9/26/99 20:25 20.86	9/27/99 1:05 20.84	9/27/99 5:45 20.8
9/26/99 20:30 20.86	9/27/99 1:10 20.84	9/27/99 5:50 20.8
9/26/99 20:35 20.86	9/27/99 1:15 20.84	9/27/99 5:55 20.8
9/26/99 20:40 20.86	9/27/99 1:20 20.84	9/27/99 6:00 20.8
9/26/99 20:45 20.86	9/27/99 1:25 20.86	9/27/99 6:05 20.8
9/26/99 20:50 20.84	9/27/99 1:30 20.84	9/27/99 6:10 20.8
9/26/99 20:55 20.84	9/27/99 1:35 20.84	9/27/99 6:15 20.8
9/26/99 21:00 20.84	9/27/99 1:40 20.84	9/27/99 6:20 20.8
9/26/99 21:05 20.82	9/27/99 1:45 20.82	9/27/99 6:25 20.8
9/26/99 21:10 20.82	9/27/99 1:50 20.82	9/27/99 6:30 20.8
9/26/99 21:15 20.82	9/27/99 1:55 20.82	9/27/99 6:35 20.8
9/26/99 21:20 20.82	9/27/99 2:00 20.82	9/27/99 6:40 20.8
9/26/99 21:25 20.82	9/27/99 2:05 20.82	9/27/99 6:45 20.8
9/26/99 21:30 20.82	9/27/99 2:10 20.82	9/27/99 6:50 20.8
9/26/99 21:35 20.82	9/27/99 2:15 20.82	9/27/99 6:55 20.8
9/26/99 21:40 20.82	9/27/99 2:20 20.82	9/27/99 7:00 20.8
9/26/99 21:45 20.82	9/27/99 2:25 20.82	9/27/99 7:05 20.8
9/26/99 21:50 20.82	9/27/99 2:30 20.82	9/27/99 7:10 20.8
9/26/99 21:55 20.82	9/27/99 2:35 20.82	9/27/99 7:15 20.8
9/26/99 22:00 20.82	9/27/99 2:40 20.8	
9/26/99 22:05 20.82	9/27/99 2:45 20.8	
9/26/99 22:10 20.82	9/27/99 2:50 20.8	
9/26/99 22:15 20.82	9/27/99 2:55 20.8	
9/26/99 22:20 20.82	9/27/99 3:00 20.8	
9/26/99 22:25 20.82	9/27/99 3:05 20.8	
9/26/99 22:30 20.82	9/27/99 3:10 20.8	
9/26/99 22:35 20.82	9/27/99 3:15 20.8	
9/26/99 22:40 20.84	9/27/99 3:20 20.8	
9/26/99 22:45 20.84	9/27/99 3:25 20.8	
9/26/99 22:50 20.84	9/27/99 3:30 20.8	
9/26/99 22:55 20.84	9/27/99 3:35 20.8	
9/26/99 23:00 20.84	9/27/99 3:40 20.8	
9/26/99 23:05 20.84	9/27/99 3:45 20.8	
9/26/99 23:10 20.84	9/27/99 3:50 20.8	
9/26/99 23:15 20.84	9/27/99 3:55 20.82	