

UNIVERSIDADE FEDERAL DE SERGIPE PRÓ-REITORIA DE PÓS-GRADUAÇÃO E PESQUISA

QUÍMICA MINERAL DE CRISTAIS DE BIOTITA EM ENCLAVES SIENÍTICOS EM GRANITOS DO STOCK GRANÍTICO GLÓRIA SUL, DOMÍNIO MACURURÉ, SUL DA PROVÍNCIA BORBOREMA

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DISSERTAÇÃO DE MESTRADO

Programa de Pós-Graduação em Geociências e Análise de Bacias

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Dissertação apresentada ao Programa de Pós-Graduação em Geociências e Análise de Bacias da Universidade Federal de Sergipe, como requisito para obtenção do título de Mestre em Geociências.

Orientador: Dr. Herbet Conceição **Coorientadora:** Dra. Maria de Lourdes da Silva Rosa

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DISSERTAÇÃO DE MESTRADO

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A minha vó Antonieta.

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EPÍGRAFE

"Life ... is a tale Told by an idiot, full of sound and fury, Signifying nothing." William Shakespeare

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RESUMO

A biotita é um constituinte importante nos enclaves microgranulares sieníticos hospedados em granitos do Stock Glória Sul, localizado na região central do Sistema Orogênico Sergipano. Estes enclaves são centimétricos, arredondados e elipsoides, têm granulação mais fina que os granitos encaixantes e são constituídos por ortoclásio, microclina, albita-oligoclásio, diopsídio, quartzo, hornblenda, titanita, apatita, zircão, magnetita, ilmenita e pirita. As texturas presentes nos enclaves evidenciam rápido resfriamento (granulação fina, apatita e zircão aciculares e zonação em plagioclásio). Os dados químicos permitiram classificar a mica marrom destes enclaves como Mg-biotita e Fe-biotita. A evolução composicional dos cristais de biotita investigados é essencialmente controlada por duas substituições ($^{VI}R^{2+} + 2 {}^{VI}Al^{3+} = {}^{VI}\Box + 2 {}^{VI}Si^{4+}$ e ^{VI} $R^{2++VI}Ti = 2^{VI}AI^{3+}$) que refletem a diminuição do alumínio e titânio. A química da biotita dos enclaves indica cristalização de magma da série magnetita de natureza cálcio-alcalina. A assinatura química dos cristais estudados indica igualmente que o magma que a formou teve evolução complexa e resulta da mistura entre magma mantélico (traquítico) e crustal (riolítico). A termobarometria indicou que a cristalização da biotita nos enclaves microgranulares sieníticos ocorreu a aproximadamente a 6,3 km entre as temperaturas 788-975 °C. A similaridade dos dados termobarométricos da biotita dos enclaves e dos granitos encaixantes sugerem que estes valores correspondam ao das condições físicas da interação entre os magmas traquítico (enclaves) e riolítico (granito). A petrogênese estabelecida para os enclaves é coerente com o ambiente colisional estabelecido para o Sistema Orogênico Sergipano.

Palavras-Chave: Micas; Mineraloquímica; Sistema Orogênico Sergipano.

ABSTRACT

Biotite is an important constituent in the syenitic microgranular enclaves hosted in granites of the Glória Sul Stock, located in the central region of the Sergipano Orogenic System. These enclaves are centimetric, rounded and ellipsoidal, have finer grain size than the surrounding granites and are composed of microcline, orthoclase, albite-oligoclase, diopside, quartz, hornblende, titanite, apatite, zircon, magnetite, ilmenite, and pyrite. The textures present in the enclaves imply to rapid cooling (fine-grained, acicular apatite and zircon and zonation in plagioclase). The chemical data allowed the brown mica from these enclaves to be classified as Mg-biotite and Fe-biotite. The compositional evolution of the investigated biotite crystals is essentially controlled by two substitutions ($^{VI}R^{2+} + 2 {}^{VI}Al^{3+} = {}^{VI}\Box + 2 {}^{VI}Si^{4+}$ and ${}^{VI}R^{2+} + {}^{VI}Ti =$ 2^{VI}Al³⁺) that reflect aluminum and titanium decrease. The biotite chemistry of the enclaves indicates magma crystallization of the magnetite series of calcium-alkaline nature. The chemical signature of the crystals studied also indicates that the magma that formed it has a complex evolution and results from the mixture between mantle (trachytic) and crustal (rhyolitic) magma. Thermobarometry indicated that crystallization of biotite in the syenitic microgranular enclaves occurred at approximately 6.3 km between temperatures 788-975 °C. The similarity of the thermobarometric data of biotite from the enclaves and the surrounding granites suggests that these values correspond to that of the physical conditions of the interaction between trachytic (enclaves) and rhyolitic (granite) magmas. The petrogenesis established for the enclaves are coherent with the collisional environment established for the Sergipe Orogenic System.

Keywords: Micas; Mineralochemistry; Sergipano Orogenic System.

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CAPÍTULO 1: Introdução

1.1 APRESENTAÇÃO

Os granitos são normalmente ricos em inclusões de outras rochas e estas são nomeadas genericamente como enclave. O termo "enclave" foi utilizado pela primeira vez por Lacroix (1890).

No presente texto o foco são os cristais de biotita de enclaves microgranulares. Este tipo de enclave é interpretado como "gotas" de magmas máficos ou hibridizados que foram resfriados mais rapidamente que os granitos encaixantes (Didier e Barbarin, 1991). Bonin (2004) considera os enclaves microgranulares (EMs) em granitos (*lato sensu*) como os representantes de magmas mantélicos envolvidos na formação dos complexos plutônicos félsicos.

Os enclaves microgranulares em granitos (*l.s.*) têm sido utilizados para ampliar a compreensão dos processos físicos e químicos presentes durante a evolução dos magmas em sistemas plutônicos. Eles permitem identificar a natureza das fontes dos magmas máfico e félsico, grau de hibridização, momento(s) da(s) chegada(s) do(s) pulsos de magma(s) máfico(s) dentre outros aspectos petrológicos importantes (e.g. Weindedorfer et al., 2014)

No Sistema Orogênico Sergipano (SOS) a presença de EMs nas intrusões é uma feição comum (e.g. Silva, 2014; Lisboa et al., 2019; 2020; Fernandes et al., 2020; Sousa, 2020; Sousa et al., 2022). O SOS está situado ao sul da Província Borborema em contato o Cráton do São Francisco. A evolução geológica do setor sul da PB é complexa (Van Schmus et al., 2008). Neste contexto formou-se o SOS da colisão entre a placa Sanfranciscana e o Superterreno Pernambuco-Alagoas (650-500 Ma – Van Schmus et al., 1995; Brito Neves e Silva Filho, 2019).

O SOS é constituído por sete domínios geológicos, que de sul para norte são: Estância, Vaza-Barris, Macururé (DM), Marancó, Poço Redondo, Canindé e Rio Coruripe (Davison e Santos, 1998; Silva Filho e Torres, 2002).

No Domínio Macururé ocorrem cerca de 60 intrusões nas quais enclaves são abundantes (Conceição et al., 2016). Este fato tem levado vários autores (e.g. Silva, 2014; Conceição et al., 2016; Fontes et al., 2018; Lisboa et al., 2019; 2020; Fernandes et al., 2020; Oliveira 2020; Sousa, 2020; Lima, 2021; Santos, 2021) a proporem a coexistência e interação entre magmas ultramáficos-máficos-intermediários com magmas félsicos na geração de granitos. O Stock Glória Sul (SGS) constitui uma das intrusões do Domínio Macururé e contem inúmeros enclaves microgranulares.

O SGS tem forma arredondada, possui área de 41 km², é intrusivo em rochas metassedimentares do Grupo Macururé e está localizado na porção central do DM. Ele é constituído por granitos cinza e róseo, de granulação fina a média e contêm xenólitos de rochas do DM e enclaves microgranulares. Conceição (2019) descreve o SGS como formado por biotita sienogranito, muscovita sienogranito, sienogranito com biotita e muscovita e monzogranito com granada.

Os EMs são mais abundantes na fácies biotita-sienogranito. Eles apresentam dimensões centimétricas a decimétricas, exibem contatos bem definidos e são abundantes. Eles ocorrem hospedados nos granitos encaixantes e podem exibir borda de coloração mais escura devido ao maior volume de biotita. As formas do EMs elípticas ou arredondadas e mostram-se orientados pelo fluxo magmáticos.

1.2 OBJETO E OBJETIVOS

O objeto desse estudo foi a biotita presente nos enclaves microgranulares em biotita-sienogranitos que ocorrem no Stock Granítico Gloria Sul. O objetivo geral desta dissertação foi compreender a petrologia dos enclaves presentes no SGS. A pesquisa envolveu as seguintes etapas:

- Realizar etapa de campo para obtenção de amostras de enclaves e dos granitos encaixantes.
- Realizar descrição petrográfica macroscópica e microscópica de amostras representativas.
- Determinar a composição química pontual de cristais de biotita.
- Discutir e interpretar os dados obtidos no estudo petrográfico e de química mineral.
- Inferir as condições de colocação e cristalização dos enclaves investigados.

1.3 LOCALIZAÇÃO E ACESSO A ÁREA DE ESTUDO

A área estudada está situada na porção nordeste do Estado de Sergipe, distando aproximadamente 113 km da capital Aracaju. Esta região, está inserida na Folha Topográfica Gracho Cardoso (SC.24-Z-B-I), sendo delimitada pelas coordenadas geográficas 10°12' – 10°20' S e 37°50' – 37°41' W (Figura 1).

O acesso a área estudada, dá-se partindo da capital de Sergipe (Aracaju) através da BR-235 até a cidade Itabaiana, e de Itabaiana até o município de Nossa Senhora da Glória é feito pela rodovia estadual SE-175. A partir dessa cidade o acesso aos afloramentos é feito pela SE-230 e estradas carroçáveis.



Figura 1. Mapa de localização e acesso à área de estudo.

1.4 METODOLOGIAS

Levantamento Bibliográfico

O Levantamento Bibliográfico constou da integração dos dados geológicos disponíveis sobre gênese e relações de enclaves microgranulares em granitos, assim como o magmatismo presente no SOS. Para tal propósito, foram consultados artigos científicos, dissertações, teses, projetos de mapeamento e anais de eventos que abordassem esses temas, esse levantamento foi realizado utilizando-se do Portal de Periódicos da CAPES (https://www.periodicos.gov.br), na Rede de Biblioteca Ametista do Serviço Geológico do Brasil (SGB/CPRM; https://www.cprm.gov.br/publique/Redes-Institucionais/Rede-de-Bibliotecas---Rede-Ametista-263), Agência Nacional de Mineração (ANM) e em sites de cursos de pós-graduação de universidades.

Trabalhos de Campo

Realizou-se missões de campo no SGS, com duração total de três dias, objetivando identificar a variação dos tipos de rochas e coletar amostras representativas. Foram visitados três afloramentos e coletadas 13 amostras sendo onze dos enclaves e duas dos biotita-sienogranito encaixantes.

Preparação de Amostras

Das rochas coletadas onze foram preparadas para os estudos petrográfico, mineraloquímico (lâmina delgado-polida), dessas foram cortados tabletes de tamanhos próximos de um punho cerrado (5 x 8 cm). Estas lâminas foram gentilmente confeccionadas no Laboratório de Laminação da Superintendência Regional de Salvador do Serviço Geológico do Brasil (SGB/CPRM).

Petrografia e Mineraloquímica

A análise petrográfica em luz transmitida e refletida foi realizada utilizando-se de microscópio trinocular, da marca Opton[®], modelo TNP–09T. Nessas descrições foram coletadas informações sobre as rochas (e.g. identificar e nomear os minerais presentes, descrever as suas formas e tamanhos, a existência de inclusões, tipos de contatos e orientações preferenciais). A posteriori, para serem analisadas com o microscópio eletrônico de varredura (MEV), metalizou-se estas lâminas com ouro (espessura de 8-10 µm) com o metalizador da marca *Quorum*[®] modelo Q150R ES.

As composições químicas pontuais da biotita de onze amostras 9 dos enclaves e dos sienogranitos encaixante (Anexo I) foram obtidas como o espectrômetro de energia dispersiva (EDS), modelo X-Act, da *Oxford Instruments*[®]. Esse espectrômetro está acoplado ao microscópio eletrônico de varredura (MEV) Tescan-Vega LMU3 presente no laboratório de microanálises do Condômino de Laboratórios Multiusuários das Geociências da Universidade Federal de Sergipe (CLGeo-UFS).

Tratamento dos Dados

Os dados químicos pontuais de cristais de biotita foram reduzidos em planilhas do *software* Excel[®] pertencente ao pacote Microsoft Office[®] 365. Programou-se as planilhas para realização dos cálculos da fórmula estrutural da biotita com base em 22 oxigênios como sugerido por Deer et al. (1992). O conteúdo de H₂O foi estimado com assumindo que o preenchimento total do sítio (OH + F + Cl = 4). O Li₂O foi calculado com base na equação empírica (Li₂O = 0,287 x SiO₂ - 9,552), segundo as sugestões presentes nos apêndices de Tischendorf et al. (2004).

As estimativas dos conteúdos de ferro nas valências 2 e 3 foram realizadas segundo a normalização proposta por Dymek (1983) onde: (Total de Cátions) - $(K+Na+Ca+Ba) + Ti + 1/2^{VI}Al_{xc} = 7,0$; onde $^{VI}Al_{xc} = ^{VI}(Al+Cr) - ^{IV}Al + (K+Na+2Ca+2Ba)]$. O total do ferro Fe³⁺ é obtido pela diferença entre 22 - (somatório das cargas dos elementos químicos dosados). O valor do Fe²⁺ é obtido pela diferença entre (Fe_{total} normalizado - Fe³⁺).

Os valores de fugacidade de oxigênio foram calculados utilizando os cálculos da tabela confeccionada por Gündüz et al. (2022), que utiliza o algoritmo proposto por Wones (1989).

A planilhas confeccionadas para o presente trabalho foram configuradas para, também, gerarem e alocarem dos dados em diagramas comumente utilizados como por exemplo: Mg-Li vs Fe + Mn + Ti - ^{VI}Al – classificação das micas (Tischendorf et al. (1997); ^{VI}vacância + 2 Si vs R²⁺ + 2^{IV}Al, Ti + R²⁺ vs 2 ^{VI}Al (substituições); FeO + MnO – 10TiO₂ – MgO, avaliação do caráter magmático, magmático-reequilibrado e não magmático de cristais de biotita (Nachit et al. 2005); Fe²⁺ - Fe³⁺ - Mg²⁺ inferência de fugacidade de oxigênio (Wones e Eugster; 1965); Fe/(Fe+Mg) vs Al_{Total} inferência sobre a biotita ser cristalizada em magma das series Magnetita e Ilmenita (Anderson; 2008); FeO – MgO – Al₂O₃ inferência sobre a biotita ser formada por magmas cálcio-alcalino, alcalino e peraluminoso (Abdel Raman, 1994); Al_{Total} vs Mg inferência sobre a biotita ser formada por magmas cálcio-alcalino, alcalino e peraluminoso (Nachit et al., 1985); FeO*/(FeO* + MgO) vs MgO infere sobre a natureza mantélica, mantélica + crustal e crustal do magma que a biotita se cristalizou (Zhou et al., 1986).

O cálculo da pressão foi feito segundo a equação de Uchida et al. (2007): P (kbar)= $3,03 \times Al-6,53$ (com erro de $\pm 0,33$), onde P= pressão (kbar) e Al= (^{VI}Al + ^{IV}Al).

A temperatura foi calculada com o algoritmo segundo o modelo empírico de Henry et al. (2005) cuja equação é: $T = \{ [ln(Ti) - a - c (X_{Mg})] / b \}^{0,333}$ (com erro de ± 24 °C). Onde: T = temperatura (°C), $X_{Mg} = Mg / (Mg + Fe)$; a = -2,3594; b = 4,6482 x 10^{-9} e c = -1,7283.

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CAPÍTULO 2: Chemical-memory of biotite crystals preserves the temperature and pressure conditions of the mixing process between trachytic and rhyolitic magmas in the Glória Sul Stock, Sergipano Orogenic System, Northeast Brazil

Chemical-memory of biotite crystals preserves the temperature and pressure conditions of the mixing process between trachytic and rhyolitic magmas in the Glória Sul Stock, Sergipano Orogenic System, Northeast Brazil

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ABSTRACT

Biotite is an important constituent in the microgranular syenitic enclaves of the Glória Sul Stock, located in the central region of the Sergipano Orogenic System, Northeast Brazil. These enclaves are centimeter-sized, rounded, and ellipsoidal, finer-grained than the surrounding granites. They are composed of microcline, orthoclase, albiteoligoclase, diopside, quartz, hornblende, titanite, apatite, zircon, epidote, magnetite, ilmenite, thorite, and pyrite. The textures present in the enclaves indicate mixing between magmas and rapid cooling of the trachyte magma that formed the microgranular enclaves (fine-grained texture, acicular apatite and zircon, blade-shaped biotite). The studied biotite exhibits a magmatic texture and is chemically classified as Fe- and Mg-biotite, particularly those with $TiO_2 > 2.3\%$. The chemical evolution of biotite is controlled by two substitutions ($^{VI}R^{2+} + 2 \ ^{VI}Al^{3+} = ^{VI}\Box + 2 \ ^{VI}Si^{4+}$ and $^{VI}R^{2+} + 2 \ ^{VI}Al^{3+} = ^{VI}\Box + 2 \ ^{VI}Si^{4+}$ and $^{VI}R^{2+} + 3 \ ^{VI}Al^{3+} = ^{VI}\Box + 2 \ ^{VI}Si^{4+}$ and $^{VI}R^{2+} + 3 \ ^{VI}Al^{3+} = ^{VI}\Box + 2 \ ^{VI}Si^{4+}$ and $^{VI}R^{2+} + 3 \ ^{VI}Al^{3+} = ^{VI}\Box + 3 \ ^{VI}Si^{4+}$ ^{VI} Ti = 2 ^{VI}Al³⁺) reflecting a decrease in titanium and an increase in aluminum. The chemical data of biotite crystals indicate that they crystallized from Type I magma, with calc-alkaline affinity, suggesting that the rocks of Gloria Sul Stock were formed by the interaction between mantle- and crustal-derived magmas. Thermobarometry of magmatic biotite (enclaves and granites) provided crystallization temperatures between 900-800 °C and a depth of 36 -13 km. The interaction between trachytic (enclave) and rhyolitic (granite) magmas in Glória Sul Stock at occurred at about 26 km depth and at a temperature about 800°C.

Keywords: Mica; Mineral chemistry; Sergipano Orogenic System; biotite chemistry; magma mixing/mingling.

1. INTRODUCTION

In orogenic regions, geologic terrains with complex evolution are marked by various magmatic events, where mixing processes between magmas are common (e.g., Clark 1992, Pitcher 1993, Cobbing 2000, Faure 2001, Nédélec and Bouchez, 2011). Evidence of magma mixing is easier to identify when it involves magmas of contrasting compositions, such as mafic and felsic. In many of these interactions, enclaves form because the magmas have different viscosities and temperatures, preventing complete mixing (e.g., Didier and Barbarin 1991; Perugini and Poli, 2011). The internal dynamics of magma reservoirs tend to disaggregate the flows of mafic magmas, generating microgranular enclaves if the host magma has a low crystallization rate (e.g., Vernon et al. 1988; Fernandez and Barbarin 1991; Barbarin 2005; Weidendorfer et al. 2014; Kumar 2020).

The granitic stocks and batholiths of the Sergipano Orogenic System, northeastern Brazil have abundant enclaves, with most of them being microgranular (Conceição et al., 2016; Lisboa et al., 2019, 2020; Fernandes et al., 2020; Sousa et al., 2019, 2022, 2022a; Oliveira et al., 2021; Soares et al., 2022; Pereira et al., 2023; Oliveira et al., 2023). The structures and textures of these intrusions indicate a complex petrological evolution marked by the presence of mixing processes between mafic and felsic magmas, that have generated granites, monzonites and syenites. The relationships between the enclaves and the host magmatic rocks suggest that these enclaves were formed by several pulses of magmas (ultramafic, mafic, intermediate and lamprophyric) in mesozonal magma chambers (e.g., Lisboa et al., 2019; Soares et al., 2022; Pereira et al., 2020, 2023; Oliveira et al., 2023).

The evolution of felsic plutonic systems has been studied using microgranular enclaves (e.g., Vernon, 2010; Weidendorfer et al., 2014; Kumar, 2020). The nature and sources of mafic and felsic magmas (e.g., Meng et al., 2019; Samadi et al., 2021), the degree of hybridization (e.g., Weidendorfer et al., 2014), the presence of mafic magma inflows (e.g., Fernandez and Barbarin, 1991; Adam et al., 2019), and the rise of magmas in the continental crust (Li and Zhang, 2022) can all be inferred from studies of microgranular enclaves.

Variations in temperature, pressure, and oxygen fugacity during magma evolution can be inferred from the chemistry of pyroxene, amphibole, olivine, and mica (e.g., Anderson et al., 2008; Lisboa et al., 2020, Aranda et al., 2021; Gündüz and Asan, 2022). Recent research has shown that biotite can record temperature and pressure during hydrothermal phases (Tang et al., 2019) and metamorphic stages (Henry, 2015), as well as magmatic phases (Esfahani et al., 2017; Li and Zhang., 2019; Mbassa et al., 2020; Li and Zhang, 2022). Intensive parameters of magma crystallization (e.g., temperature and pressure) can be calculated using empirical algorithms, calibrated with experimental studies and, more recently, using machine learning.

Biotite is the ubiquitous mafic mineral in microgranular enclaves in granitoids in the Sergipano Orogenic System and the intensive parameters obtained with this mineral is very useful for petrogenetic purposes, allowing future comparisons of crystallization conditions between intrusions in this orogen. This paper presents and discusses unpublished petrographic and mineral chemistry data on biotite crystals from microgranular enclaves in the biotite-granites of the Glória Sul Stock, using classical and machine-learning thermobarometry.

2. GEOLOGICAL BACKGROUND

The Sergipano Orogenic System (SOS), situated in the south of Borborema Province (Figure 1A), has a complex evolution (Van Schmus et al., 2008), marked by a collisional event (650-500 Ma) between the Sanfranciscana plate and the Pernambuco-Alagoas Superterrane (Van Schmus et al., 1995; Oliveira et al., 2010; Brito Neves and Silva Filho, 2019; Pereira et al. 2023).

The SOS comprises distinct geological domains (Davison and Santos, 1989), occuring as NW-SE oriented (Figure 1B) and delimited by shear zones (Santos et al., 1998). These geological domains, from south to north, include: Estância, Vaza Barris, Macururé, Marancó, Poço Redondo, Canindé and Rio Cururipe. The Estância and Vaza Barris domains exhibit low-grade metamorphism, while the other domains consist of metasedimentary and metavolcanic-sedimentary rocks with metamorphism ranging from low to medium grade and varied plutonism.

The Macururé Domain (MD), housing the Glória Sul Stock (GSS), shares tectonic boundaries with the Vaza-Barris, Marancó, Poço Redondo, Canindé and Rio Cururipe domains. The MD comprises metasedimentary rocks and intrusive bodies (Figure 1B).



Figure 1. Regional and local geological maps. (A) Geological map of the Borborema Province. (B) Geological map of the Sergipano Orogenic System. (C) Simplified geological map of Glória Sul Stock. 1 = Shear Zone; 2= Metamorphic foliation; 3= Phanerozoic Covers; 4= Granite intrusions (Stock Sul Glória: 4A=Granite bearing biotite and muscovite; 4B= Muscovite granite; 4C= Biotite granite with diopside); 5= Estância Domain; 6= Vaza-Barris Domain; 7= Macururé Domain; 8= Marancó Domain; 9= Poço Redondo Domain; 10= Canindé Domain ; 11= Rio Cururipe Domain; 12= Borborema Province ; 12= São Francisco Craton.

The intrusions in the MD amount to around 60 bodies of various types (mafic, intermediate, and felsic), formed between 630-600 Ma, all of which have enclaves (Conceição et al., 2016; Lisboa et al., 2019, 2020; Fernandes et al., 2020; Oliveira et al., 2023; Pereira et al. 2019, 2023). These enclaves demonstrate the contribution of mantle magmas, contemporary with the felsic magmas. Various studies (e.g., Long et al., 2005; Oliveira et al., 2015; Conceição et al., 2016; Fernandes et al., 2020; Lisboa et al. 2020; Pereira et al. 2019, 2023) enable the grouping of MD into four suites:

[1] Macururé Mafic Suite (636-629 Ma): Includes diorites, gabbros, monzonites with hornblendites and subordinate granites. This intermediate to basic plutonism, with high-K₂O calc-alkaline content and shoshonitic characteristics, was emplaced before and during regional deformation.

[2] High-K₂O Calc-alkaline Granodioritic Suite (631-618 Ma): Comprises granodiorites and granites with diopside, exhibiting the geochemical signature of a volcanic arc environment.

[3] Shoshonitic Suite (630-615 Ma): Formed by monzonites, with subordinate granitic and syenitic terms. These bodies are very rich in enclaves (diorites, lamprophyres, phlogopite-clinopyroxenites, and mafic monzonites), and geochemical data indicate shoshonitic to ultrapotassic magmatism.

[4] High-K₂O Calc-alkaline Granitic Suite (626-600 Ma): Essentially composed of leucocratic, metaluminous granites, with more evolved peraluminous terms.

Corresponds to granites of the magnetite series, Type I and bears the geochemical signature of Cordilleran granites.

3. GLÓRIA SUL STOCK

The Glória Sul Stock (GSS), dated at 624 ± 11 Ma (Conceição, 2019), is a circular intrusion spanning 41 km² within the metasedimentary rocks of the MD (Figure 1B). It stands out as the largest stock within the MD, comprising fine- to medium-grained granites interspersed with xenoliths of MD rocks, surmicaceous and microgranular enclaves. Conceição et al. (2016) describe the GSS as encompassing muscovite granite, biotite- and muscovite-bearing granite, diopside-bearing biotite granite, and garnetbearing granite. According to these authors, the diverse granite types within this stock result from intricate mixing between mafic shoshonitic and felsic high-K₂O calcalkaline magmas, potentially with a contribution of pelitic rocks from the MD. The chemistry of GSS granites is identified as I type, displaying high-K₂O calc-alkaline signatures and volcanic arc.

Diopside-bearing biotite granites (BG) are localized in the northwest and southwest sectors of the GSS (Figure 1C). These granites exhibit a light gray in color, fine- to medium-grain size, in general isotropic, but occasionally revealing magmatic flow foliation that aligns the biotite and the numerous microgranular enclaves (Figure 2). Available chemical data from BG indicate that they represent the least differentiated types within the GSS. The saturation temperatures of apatite in both MEs and BG range from 984° to 925 ° C (Conceição, 2019).

4. SAMPLING AND ANALYTICAL METHODS

Thirteen representative rocks were collected during fieldwork, resulting in a total of eleven polished slides: two of biotite-granite and nine of the microgranular enclaves.

The polished slides sections underwent examination using the petrographic and electron microscopes of the Multiuser Geoscience Lab (CLGeo) at the Federal University of Sergipe (UFS). The Scanning Electron Microscope (SEM) at CLGeo-UFS, a Tescan[®] (Vega 3 LMU) model, is equipped with secondary and backscattered electron detectors, cathodoluminescence and an energy dispersive spectrometer (EDS).

In this study, 711 chemical analyses were conducted on biotite crystals, with their compositions determined using both energy dispersive spectrometry (EDS) and wavelength dispersive spectrometry (WDS). EDS analysis took place using an EDS-SEM of the CLGeo-UFS, employing an acceleration potential of 20 kV, an electron beam current of 17 nA (diameter of 1 μ m), 30-second analysis time. The reliability of the analysis was assessed using ASTIMEX international mineral standards and internal the laboratory standards (Table 1). Analytical uncertainties with EDS were less than 2%wt for elements with a content of more than 10%wt and errors between 4% and 19%wt for elements with a content of less than 5%wt.

WDS analyses were carried out using a JEOL JXA-8230 electronic probe from the Microanalysis Laboratory at the Federal University of Pará (LABMEV-UFPA). Analytical conditions included a constant acceleration voltage of 15kV, electron beam current of 20 nA, and electron beam diameter of 10 μ m. Counting times for major and minor elements analysis were 20 and 40s, respectively. Calibration standards for WDS analysis included various minerals covering a range of elements: fluorite (F), sodalite (Na₂O), diopside (MgO), anorthite (Al₂O₃), orthoclase (SiO₂, K₂O), wollastonite (CaO), celestine (SrO), magnetite (FeO), rhodonite (MnO), barite (BaO), rutile (TiO₂), sodalite (Cl), vanadinite (V₂O₃), Cr₂O₃ (Cr₂O₃) and NiO (NiO).

Table 1. Compares the compositions of the Astimex mineral standards and the laboratory's in-house standards, obtained though electron microprobe (EPMA) and those obtained in this study EDS. 2σ = error calculated by EDS for 2 sigmas. MD = modulus of the difference between the analysis of the standard and that obtained with the EDS-MEV in this study.

| | | EDC | 2 - | MD | A | EDC | 2 - | MD | | EDC | 2 - | MD | EDMA | EDC | 2 - | MD |
|-------------------|-------|-------|-----------|------|--------|-------|-----------|------|-------|-------|-----------|------|-------|-------|-----------|------|
| | EPMA | EDS | 2σ | MD | Asumex | EDS | 2σ | MD | EPMA | ED5 | 2σ | MD | EPMA | EDS | 2σ | MD |
| SiO_2 | 37.54 | 38.01 | 0.09 | 0.47 | 38.72 | 38.82 | 0.27 | 0.1 | 39.88 | 39.7 | 0.3 | 0.18 | 40.93 | 41.12 | 0.3 | 0.19 |
| TiO_2 | 2.88 | 2.77 | 0.17 | 0.11 | 1.77 | 1.75 | 0.1 | 0.19 | 1.06 | 1.1 | 0.2 | 0.04 | 0.67 | 0.62 | 0.1 | 0.05 |
| Al_2O_3 | 13.41 | 13.46 | 0.18 | 0.05 | 15.13 | 15.53 | 0.19 | 0.4 | 12.88 | 13 | 0.2 | 0.12 | 12.94 | 13 | 0.2 | 0.06 |
| FeO | 17.85 | 18 | 0.27 | 0.15 | 10.72 | 9.65 | 0.17 | 1.07 | 13.09 | 13.91 | 0.51 | 0.82 | 13.3 | 13.12 | 0.2 | 0.18 |
| MnO | 0.89 | 0.29 | 0.09 | 0.6 | 0.04 | 0.09 | 0.08 | 0.05 | 0.22 | 0.36 | 0.07 | 0.14 | 0.3 | 0.4 | 0.1 | 0.1 |
| MgO | 13.21 | 13.51 | 0.04 | 0.3 | 19.52 | 19.82 | 0.19 | 0.3 | 17.2 | 17.74 | 0.22 | 0.54 | 17.01 | 17.23 | 0.2 | 0.22 |
| CaO | 0.03 | | 0.11 | 0.11 | 0.1 | 0.23 | 0.06 | 0.13 | | 0.12 | 0.06 | 0.12 | 0.1 | 0.2 | 0.1 | 0.1 |
| Na ₂ O | 0.01 | 0.57 | 0.06 | 0.56 | | 0.01 | 0.08 | 0.01 | 0.01 | | | | | 0.09 | 0.1 | 0.09 |
| K_2O | 9.75 | 9.39 | 0.12 | 0.36 | 9.91 | 10.01 | 0.11 | 0.1 | 10.36 | 9.99 | 0.21 | 0.37 | 10.25 | 10.14 | 0.1 | 0.11 |
| Cr_2O_3 | 0.07 | | 0.07 | 0.07 | | 0.09 | 0.07 | 0 | 0.09 | 0.08 | 0.08 | 0.01 | | 0.08 | 0.1 | 0.08 |
| Total | 95.64 | 96 | | | 95.91 | 96 | 0.27 | 0 | 95.11 | 96 | | | 95.5 | 96 | | |

Chemical data from the crystals were recorded in Excel[®] spreadsheets. The structural formula of biotite was calculated based on 22 oxygens and the iron content in valences 2 and 3 was determined following Dymek's proposition (Dymek 1983). H₂O content was calculated assuming that the (OH + F + Cl) site is filled. Li₂O was estimated using the empirical equation (Li₂O=0.287*SiO₂-9.552) from Tischendorf et al. (2004).

Temperature and pressure calculations for biotite crystallization were conducted using the classic algorithms of Henry et al. (2005) and Uchida et al. (2007), respectively. Machine learning methodology was applied using the software "Machine Learning Thermobarometry for Biotite-Bearing Magmas" by Li and Zhang. (2022) accessible at "https:// lixiaoyan.shinyapps.io/Biotite_thermobarometer/por". Chemical analyses of the biotite crystals obtained are available in two files: magmatic crystals (Appendix 1) and reequilibrated magmatic crystals (Appendix 2).

5. RESULTS

5.1. Geology

The microgranular enclaves within the Glória Sul Stock are fine-grained, displaying shades of dark to light grey (Figure 2). Ranging in size varies from centimeters to decimeters, the enclaves generally possess a rounded shape (Figure 2A), with occasional elliptical forms (Figures 2A). Angular MEs are uncommon/scarce, with most showcasing a rounded contour, and the magmatic flow orients the elongated enclaves (Figure 2B).

Well-defined contacts between MEs and biotite-granite are evident (Fig. 3). Some contacts appear fine-grained at the edges and exhibit darker in color due to the higher concentration of biotite (Figure 3A). The majority of enclaves are single, occasional featuring multiple enclaves (Figure 3B). White feldspar xenocrysts (2 to 4 mm) are sporadically found within the MEs, displaying the same orientation as in the biotite-granite (Figures 3B, C, D). Small and rounded clots (< 3 cm) of green diopside and biotite are present in some of the MEs (Figures 3E, F) as well as in the biotite-granite.



Figure 2. Photographs A and B correspond to biotite-granite outcrops where the studied enclaves occur. High abundance of microgranular enclaves characterize of these granites. The red arrows point to enclaves of varying sizes, with small enclaves predominating in these outcrops. The black circle in image B has a diameter of 6 cm. MFF = magmatic flow foliation that orients enclaves and minerals in the biotite-granite.



Figure 3. Images of microgranular enclaves hosted in biotite-granite from Glória Sul Stock. The white bar in the images corresponds to 6 cm. Most of the studied enclaves have an ellipsoid shape with circular (A) and ellipsoidal (B, C, D and E) sections. In the sequence of enclaves from A to F, there is a variation in color, where enclaves A and B have a dark gray color, and C, E and F have a light gray color. Biotite edges (darker in color and smaller crystals) are present in enclaves A (well-marked and continuous) and in enclaves E and F (discontinuous). Note that in several enclaves there are feldspar xenocrysts (white color and indicated in the photograph with a red arrow). In enclaves A, B, E and F, clots of biotite and diopside (black areas) are present (red circle). Biotite and diopside clots are also present in granites (C and F). Also note the fine-grain and light color of the granite in these photos.

5.2. Petrography

5.2.1. Microgranular enclaves

The studied MEs are fine-grained syenites with allotriomorphic and hypidiomorphic textures. Some enclave show rounded clots of diopside and biotite (Figure 4A). Mineral composition in the MEs includes orthoclase, microcline, plagioclase, quartz, biotite, diopside, hornblende, opaque minerals, titanite, apatite, zircon, carbonate, muscovite, and epidote (Figure 4B and C).

Oligoclase and albite crystals (0.05 - 0.6 mm) exhibit anhedral and subhedral shapes, displaying albite and albite-Carlsbad twinning. Some crystals show a thin, dark-colored rim as seen in the backscattered electron images, corresponding to albite (An<5%; Figure 4D). Amoebic contacts in oligoclase and albite suggest corrosion. Included within these crystals are acicular apatite (<0.2 mm), biotite, titanite, and zircon (Figures 4D).

Orthoclase and microcline (0.02-0.7 mm) are anhedral (Figure 4B and C), perthitic and includes subhedral crystals of biotite, apatite (Figure 4D), titanite, zircon, magnetite, and ilmenite. Quartz is anhedral (0.01 - 1.4 mm) and includes (<0.1 mm) biotite, apatite, titanite and opaque minerals. The brown biotite (0.2 - 1.8 mm) are subhedral (Figure 4F), euhedral, and with a blade texture (Figure 4D and E). These biotite crystals include of acicular apatite and zircon, titanite, diopside, opaque minerals, and are partially altered to chlorite. Locally ocellar quartz can be found, surrounded by crystals of biotite, orthoclase, diopside and titanite (Figure 4F). Green diopside (0.03 – 0.8 mm) is subhedral and anhedral (Figures 4B, C), including titanite, biotite, apatite, and zircon. Some enclaves contain rounded clots of diopside and biotite (Figure 4A).

Green amphibole (0.05 - 0.4 mm) is subhedral and anhedral, including anhedral diopside, as well as subhedral and euhedral crystals of titanite, biotite, apatite, and zircon. Apatite (<0.2 mm) is acicular (Figures 4D, G) well-distributed throughout the enclaves (Figure 4G), suggesting that phosphorus saturation in trachyte magma was very early. Zircon is euhedral (Figures 4H and I), subhedral and may have an acicular habit with gulfs suggestive of corrosion (Figure 4J), including thorite and acicular apatite (Figure 4I). Titanite (0.06-0.3 mm) is euhedral, subhedral, and displays curved contacts and zonation (Figure 4L). Magnetite, ilmenite, and pyrite are the opaque minerals presents in these rocks.

5.2.2. Crystallization Sequence

The crystallization sequence in the trachytic magma (MEs) is established based on observed textures. Apatite is the first liquidus mineral, followed by zircon. Subsequently, titanite, biotite, diopside, ilmenite, magnetite, alkali feldspar, plagioclase and quartz are formed. The extended crystallization history of biotite is indicated by its presence as inclusions in magmatic minerals such as diopside, titanite, alkali feldspar, hornblende, and quartz). Hornblende crystallization results from the destabilization of diopside. The presence of the biotite-diopside clots in the enclaves and granites suggests the disintegration of early pulses of trachytic magma in the rhyolitic magma chamber (GSS). In the late-magmatic stage, albite, the exsolution of alkali feldspar, epidote, pyrite, carbonate, chlorite, titanite, and muscovite are formed.



Figure 4. Textures present in the microgranular syenitic enclaves (A-L) and the host biotite-granite (M-S). Apart from image B, which was obtained using an optical microscope with transmitted and polarized light, the other images were obtained using a backscattered electron (BSE) detector in the SEM. [A] texture with millimetric clots of diopside (Di) + biotite (Bt). The clots are highlighted by dashed red circles. [B] characteristic fine-grained texture of the enclaves, with the presence of clots of diopside (light green) and biotite (brown) crystals. The transparent mineral is alkali feldspar and the dark spots in the biotite correspond to crystals of zircon (Zr) and titanite (Tnt). [C] texture in the enclave where it is possible to see the association of biotite, diopside, alkali feldspar (Afs), albite (Ab), apatite (Ap). [D] image of plagioclase crystals (Pl) with albite coronae. The contact between plagioclase and albite (darker gray region) is normally ameboid. Note the acicular apatite crystal included in both the albite and the alkali feldspar. [E] biotite crystal with inclusions of titanite and epidote (Ep). [F] ocellar quartz texture. The anhedral quartz crystal (Qz) is surrounded by biotite, alkali feldspar, plagioclase and titanite crystals. The white dots correspond to apatite crystals. [G] common texture in the studied enclaves with many

acicular apatite crystals. Some apatite crystals are included in various crystals, such as plagioclase and biotite. [H and I] euhedral zircon crystals. Note that in image I the zircon is included in alkali feldspar and has inclusions of thorite (Thr) crystals. [J] inclusion of a skeletal zircon crystal in alkali feldspar perthite. [L] zoned titanite crystal is a frequent texture in enclaves. The images M - S correspond to textures present in the biotite-granites with diopside that host the enclaves. [M] allotriomorphic texture of medium to fine-grained biotite-granites. [N] plagioclase crystals with albite coronae. [O] zoned and perthitic alkali feldspar phenocrysts. Note that the albite has the prismatic shape of alkali feldspar. [P] biotite-granite texture showing subhedral biotite crystals, with titanite inclusions, associated with diopside and hornblende. Images Q and R show the characteristic texture of the euhedral titanite crystals in these granites, with the central region altered to a porous, white material in reflected light.

5.2.3. Petrography of the host biotite-granites

The host biotite granites primarily consist of alkali feldspar, quartz, plagioclase, and biotite, with accessory minerals including diopside, titanite, epidote, zircon, apatite, hornblende, and opaque minerals. Alkali feldspar is subhedral (Figure 4M), occurring as phenocrysts (0.8 - 4.25 mm) and smaller crystals (0.05-0.7 mm), often display perthitic texture (Figures 4N, O) and zonation (Figure 4O).

Phenocrysts include inclusions of biotite, plagioclase, epidote, titanite, apatite, zircon, and opaque minerals. Plagioclase is subhedral, can occur as phenocrysts, and in the matrix the crystals range in size from 0.05 to 1.4 mm. Saussuritization is observed in some crystals. Antiperthite and zoned textures are present, including alkali feldspar, biotite, titanite, epidote, apatite, zircon, and opaque minerals.

The brown biotite crystals (<2 mm) are straight and irregular, containing inclusions of alkali feldspar, zircon, apatite, titanite, epidote and opaque minerals (Figures 4M, P).

Subhedral green diopside (<1.3 mm) makes curved contacts with alkali feldspar, quartz, and hornblende crystals. Clots of biotite and diopside (< 1.5 cm in diameter), as well as biotite aggregates, occur randomly, possibly represent xenocrysts from the disaggregation of early pluses of trachytic magmas (MEs).

Green hornblende (<2 mm) is subhedral and includes crystals of diopside, alkali feldspar, biotite, and opaque minerals. Epidote (<1 mm) is subhedral and anhedral, associated with biotite, plagioclase, and includes quartz, titanite, biotite, and opaque minerals.

Subhedral titanite (<0.8 mm) is associated with biotite, showing central part altered (Figures 4P, Q, R) to titanium oxide and hydroxides. Subhedral zircon (<0.13 mm) occurs zoned and acicular, including apatite and opaque minerals. Apatite is subhedral, euhedral, and acicular (<0.2 mm). Subhedral muscovite (<1 mm) makes straight contacts with rock minerals, except biotite which is curved and sutured.

Muscovite and chlorite likely form from biotite. Micro-fractures in the rocks are occupied by carbonate, albite, and opaque minerals.

5.3. Mineral Chemistry

In the studied biotite crystals from both ME and host biotite granite, there were no significant chemical variations observed between the center and edge analyses, but variations were noted between crystals from different rocks. The chemical compositions of the brown biotite (Table 2) in the enclaves correspond to Mg-biotite and Fe-biotite, while in the granites, Fe-biotite predominates (Figure 5).

In the studied biotite crystals, the occupation of the tetrahedral site (^{IV} T) is done by Si⁴⁺ and Al³⁺. The octahedral (^{VI}X) and dodecahedral (^{XII}Y) sites have vacancies (Table 2). In ^{VI}X and ^{XII} Y sites its occupancy varies from 0-28% (<0.6 atoms per formula unit = apfu) in the enclaves and 0-9.5% (<0.2 apfu) in the BG. Variations identified in biotite compositions indicate the existence of cationic substitutions. Good cationic correlations were observed between:

[i] ^{VI} R²⁺ +2 ^{VI} Al³⁺ = ^{VI} \square +2 ^{IV} Si⁴⁺ (^{VI} \square = vacancy in the octahedral site; Figure 6A): This substitution, according to Stussi and Cuney (1996), involving aluminum (^{IV}Al) from the tetrahedral site, the sum of divalent cations (R²⁺ = Fe + Mg + Mn) in the octahedral site, and silicon (^{IV} Si⁴⁺), in the tetrahedral site, generating vacancies in the octahedral site (^{VI} \square). The correlation diagrams (Figure 6A) show good linear correlations (r² \approx 0.9), indicating the nature of the substitution.

[ii] ^{VI} R ²⁺ + ^{VI} Ti = 2 ^{VI}Al (Figure 6B): This substitution occurs in the octahedral site and involves the exchange of divalent cations and Ti for octahedral aluminum. The diagram show reasonable alignment (r ² \approx 0.73), suggesting the occurrence of this substitution in the biotite crystals.

| | | Microg | ranular Er | nclaves | | Biotite Granites | | | | |
|--------------------------------|--------|--------|------------|---------|--------|------------------|--------|--------|--------|--------|
| SIO ₂ | 38.50 | 38.78 | 38.29 | 38.62 | 38.58 | 37.54 | 36.85 | 38.00 | 36.24 | 36.45 |
| TiO ₂ | 2.59 | 2.88 | 3.06 | 3.18 | 3.01 | 3.17 | 3.14 | 2.80 | 3.29 | 3.10 |
| Al ₂ O ₃ | 15.74 | 15.46 | 14.01 | 13.69 | 13.74 | 14.69 | 14.06 | 14.60 | 14.51 | 14.37 |
| FeO | 16.13 | 15.36 | 16.96 | 17.00 | 16.78 | 19.58 | 19.57 | 18.84 | 19.79 | 18.95 |
| MnO | 0.10 | 0.29 | 0.27 | 0.22 | 0.25 | 0.29 | 0.30 | 0.28 | 0.10 | 0.00 |
| MgO | 13.34 | 13.25 | 12.77 | 13.09 | 13.08 | 10.46 | 10.01 | 10.08 | 10.02 | 9.85 |
| CaO | 0.00 | 0.00 | 0.07 | 0.01 | 0.09 | 0.00 | 0.30 | 0.11 | 0.00 | 0.00 |
| Na ₂ O | 0.00 | 0.00 | 0.18 | 0.14 | 0.06 | 0.58 | 1.89 | 1.48 | 1.04 | 1.74 |
| K ₂ O | 8.93 | 10.08 | 10.18 | 10.00 | 10.08 | 9.79 | 9.46 | 9.41 | 9.40 | 9.09 |
| BaO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.25 | 0.08 | 0.10 |
| Cr ₂ O ₃ | 0.00 | 0.00 | 0.12 | 0.04 | 0.14 | 0.00 | 0.11 | 0.08 | 0.17 | 0.29 |
| NiO | 0.00 | 0.00 | 0.02 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.29 | 0.29 |
| F | 0.70 | 0.80 | 0.03 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cl | 0.10 | 0.00 | 0.05 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.80 | 1.29 |
| OH=F=Cl | -0.32 | -0.34 | -0.02 | | -0.06 | | | | -0.18 | -0.29 |
| Total | 95.81 | 96.56 | 95.99 | 96.01 | 95.95 | 96.10 | 95.93 | 95.91 | 95.54 | 95.22 |
| SI | 5.727 | 5.746 | 5.758 | 5.791 | 5.793 | 5.702 | 5.660 | 5.774 | 5.610 | 5.663 |
| Al ^{IV} | 2.273 | 2.254 | 2.242 | 2.209 | 2.207 | 2.298 | 2.340 | 2.226 | 2.390 | 2.337 |
| Al^{VI} | 0.488 | 0.445 | 0.241 | 0.210 | 0.225 | 0.332 | 0.206 | 0.389 | 0.257 | 0.295 |
| TI | 0.290 | 0.321 | 0.346 | 0.358 | 0.340 | 0.362 | 0.363 | 0.320 | 0.383 | 0.362 |
| Cr | 0.000 | 0.000 | 0.015 | 0.005 | 0.017 | 0.000 | 0.013 | 0.009 | 0.021 | 0.035 |
| ^T Fe | 2.007 | 1.903 | 2.133 | 2.132 | 2.107 | 2.488 | 2.514 | 2.394 | 2.562 | 2.462 |
| Mn | 0.012 | 0.036 | 0.034 | 0.028 | 0.032 | 0.037 | 0.039 | 0.036 | 0.013 | 0.000 |
| Mg | 2.959 | 2.926 | 2.862 | 2.927 | 2.929 | 2.369 | 2.292 | 2.283 | 2.313 | 2.281 |
| Ni | 0.000 | 0.000 | 0.002 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.036 | 0.036 |
| Ca | 0.000 | 0.000 | 0.011 | 0.002 | 0.014 | 0.000 | 0.049 | 0.017 | 0.000 | 0.000 |
| Na | 0.000 | 0.000 | 0.053 | 0.042 | 0.017 | 0.170 | 0.563 | 0.436 | 0.311 | 0.523 |
| Κ | 1.694 | 1.905 | 1.952 | 1.913 | 1.931 | 1.897 | 1.852 | 1.824 | 1.856 | 1.802 |
| Ba | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.015 | 0.005 | 0.006 |
| Total | 19.450 | 19.536 | 19.649 | 19.616 | 19.616 | 19.655 | 19.906 | 19.723 | 19.756 | 19.803 |
| OH | 3.645 | 3.625 | 3.973 | 3.997 | 3.931 | 4.000 | 4.000 | 4.000 | 3.790 | 3.660 |
| F | 0.329 | 0.375 | 0.014 | 0.000 | 0.066 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Cl | 0.025 | 0.000 | 0.013 | 0.003 | 0.003 | 0.000 | 0.000 | 0.000 | 0.210 | 0.340 |
| Li | 0.877 | 0.921 | 0.853 | 0.905 | 0.900 | 0.733 | 0.624 | 0.812 | 0.522 | 0.561 |
| Fe^{3+} | 0.000 | 0.086 | 0.036 | 0.000 | 0.009 | 0.090 | 0.375 | 0.441 | 0.059 | 0.296 |

 Table 2. Representative chemical analyses of the biotite crystals studied. Structural formula calculated for 22 oxygens. Microgranular enclaves (EMs) and biotite-granite (BG).



Figure 5. Mg-Li versus Fe+Mn+Ti-^{VI}Al diagram for the classification of micas from Tischendorf et al. (1997), applied to the analyzed biotite crystals. The added sidebars illustrate the distribution of the 621 analyses corresponding to biotite from the microgranular enclaves.



Figure 6. Cation correlation diagrams used to illustrate the chemical evolution of the studied biotite crystals. A) substitution $^{VI} \square + 2 ^{IV} \text{Si} = ^{VI} \text{R} ^{2+} + 2 ^{IV} \text{Al} (^{VI} \square = \text{vacancy in the octahedral site; } \text{R}^{2+} = \text{Fe+Mg+Mn}$). B) substitution $^{Ti} + ^{VI} \text{R} ^{2+} = ^{VI} \square + 2 ^{VI} \text{Si}$. The added bars illustrate the distribution of the 621 analyzes corresponding to biotite from the microgranular enclaves. The linear correlation equations for the two diagrams are presented with their correlation coefficients (r²).

6. DISCUSSION

The presence of microgranular enclaves in igneous rocks typically indicates mingling between magmas (e.g., Fernandez and Barbarin, 1991). Conceição et al. (2016) identified that in the BG, the least evolved rocks of the GSS, that the largest volume of MEs occurs in the BG, and they correspond to syenites. The multiple
enclaves observed in the biotite-granite suggests occurrence of pulses of trachytic magmas in the rhyolitic magma chamber of the GSS.

The MEs in the GSS are characterized by a rounded, finer-grained/fine-grained texture compared to host BG, and by abundant acicular apatite and zircon crystals, indicating rapid cooling of the enclave magma against the biotite granite magma. The rounded shape of the MEs and fine grain size / their fine-grained texture suggest the coexistence of magmas with different compositions (Conceição et al. 2016). Additionally, features such as the blade texture of biotite and by the abundance of zoned plagioclase and titanite crystals in the GSS further indicate magma mingling, consistent with findings in previous studies (e.g., Hibbard, 1991; Weidendorfer et al., 2014; Esfahani et al., 2017; Gogoi et al., 2018; Mbassa et al., 2020).

Spear (1984) considers as evidence when magmatic biotite has a grain size similar to that of other magmatic minerals in the rock. On the other hand, Nachit et al. (2005) consider that magmatic biotite is brown. Liu et al. (2020) suggest that biotite is considered as magmatic if the crystals are euhedral, subhedral and have clear contacts with other magmatic minerals. The textures presented by biotite in the MEs and in the host BG have the features that the literature reports for magmatic crystals.

The cooling history of felsic plutonic systems are complex due to late-stage percolation of hydrothermal fluids that can chemically re-equilibrate the minerals (e.g., Bonin, 1995, Cobbing 2000). In this context, Nachit et al. (2005) use the TiO₂, FeO, MnO and MgO content in biotite to deduce whether it is magmatic, reequilibrated magmatic or non-magmatic (Figure 7A). The chemistry of biotite from the MEs plots in the field of re-equilibrated magmatic biotite, with certain crystals, included in feldspars, closely bordering magmatic biotite field. The chemistry of the biotite crystals of the BG plots in the fields of magmatic biotite and re-equilibrated magmatic biotite (Figure 7A). There is significant variation in the TiO₂ content in the biotite crystals of MEs $(0.6 \le TiO_2 \le 3.2)$ and BG $(1 \le TiO_2 \le 3.6)$. This variation maintains the MgO/(FeO+MnO) ratio relatively constant. Generally, the value of this ratio is higher in BG crystals (0.44-0.52) compared with biotite of the enclaves (0.42-0. 46; Figure 7B). This behavior probably reflects the effect of the partial chemical equilibrium in biotite. The reduction of titanium in biotite and the simultaneous increase in aluminum are controlled by the substitution R $^{2+}$ + VI Ti = 2 VI Al $^{3+}$ (Figure 8B). However, the ratios of Mg/(Fe+Mn) do not appear to have been affected (Figure 7A). The enrichment of aluminum in biotite, as suggested by Stussi and Cuney (1996), indicates a decrease in

temperature, which is associated with the evolution of magma crystallization and the influence of hydrothermal fluids.



Figure 7. Discriminating chemical diagrams for biotite. (A) MgO - (FeO+MnO) - (10.TiO₂) diagram Nachit et al. (2005) to discriminate magmatic, magmatic, re-equilibrated and non-magmatic biotite applied to the analyzed crystals. (B) (FeO+MnO+ MgO)/(FeO+MnO) versus TiO₂ proposed to note the variation of these oxides in the analyzed crystals. The added bars illustrate the distribution of the 621 analyzes corresponding to biotite analyzes of the studied microgranular enclaves.

Biotite, a common mineral in igneous rocks, has a complex chemical composition, limiting its use in inferring intensive parameters of magmas. However, researchers have used biotite to calculate temperature (e.g., Robert, 1976; Luhr et al., 1984; Patiño Douce, 1993; Henry et al., 2005, Li and Zhang. 2022), pressure (Uchida et al., 2007; Li and Zhang. 2022) and the oxidation conditions (Wones and Eugster, 1965), as well as its magmatic affinity (e.g., Nachit et al., 1985; Abdel Ramam, 1994) and the source of the magmas (Zhou et al., 1986). In this study, biotite crystals from MEs with higher titanium contents and magmatic crystals from biotite-granite were used to estimate the pressure, temperature, and oxygen fugacity conditions of the analyzed rocks (Table 2).

In their study on Japanese granites, Uchida et al. (2007) identified a good correlation between aluminum in hornblende and biotite and proposed the use of Al contents in biotite as a geobarometer, according to the equation: P (kbar) = $3.03 \times Al-6.53 (\pm 0.33)$, where P = pressure (kbar) and Al corresponds to total aluminum (^{VI} Al + ^{IV} Al). Biotite crystals with higher titanium (0.25-0.36 apfu) in MEs yielded calculated pressures of 1.8-0.8 kbar (6,7-3 km) and those from the host biotite-granite the pressure varies from 2.1-1.2 kbar (7,8-4 km). However, caution should be exercised when applying the barometer of Uchida et al. (2007) to granitic rocks. Li and Zhang. (2022) points out that pressures calculated using that geobarometer provide lower values than the experimental data. These authors suggest that it is more appropriate to apply a geobarometer based on machine learning, which is an algorithm that uses a dataset

based on random trees of biotite compositions for a wide range of temperatures and pressures (1325-625 °C, 48-1 kbar). Applying the algorithm of Li and Zhang. (2022) calculated biotite crystallization pressure of the studied rocks/our rocks, shows 10.7-4.3 kbar for the microgranular enclaves and 6.3-3.4 kbar for the granites (Table 1). In other words, in the MEs, biotite crystallizes earlier at depths from 39 to 16 km, while in granites it crystallizes at depths from 23 to 13 km. These results indicate that the initial crystallization of biotite in trachytic magma occurs at great depths (39 km, in the SOS is equivalent, according to the geophysical studies of Oliveira et al. (2023), to the base of the continental crust or upper mantle). The higher-pressure values for granite's biotite magmas mixed. On the other hand, the variation between the maximum and minimum pressure values obtained may reflect the continued crystallization of biotite or its geochemical requilibration during the ascent of those coeval magmas towards its final emplacement at 13 km depth.

Table 3. Maximum and minimum temperature and pressure values obtained in this study. Temperature values were calculated using P saturation in whole rock (Harrison and Watson, 1984), after the data from Conceição et al. (2016). Temperature and pressure values were calculated using chemical data from biotite crystals with a high titanium content from enclaves (MEs) and magmatic biotite from biotite-granites (BG).

| | | | Tempera | ature (°C) | | | | Pressure (| (kbar) | |
|-----|---------|---------|-----------|--------------------|----------------|--------------|-------------|-------------------|--------|-----------------|
| | P-satur | ration* | Hen (2 | ry et al. 2005) | Li and Li (202 | Zhang 22) | Uchie (2 | da et al. 007) | Li and | d Zhang 022) |
| MEs | 984 | 961 | 993 | 801 | 900 | 780 | 1.8 | 0.8 | 10.7 | 4.3 |
| BG | 930 | 925 | 993 | 782 | 809 | 765 | 2.1 | 1.2 | 6.3 | 3.4 |

The titanium in biotite is sensitive to temperature variations, which is why several authors suggest that biotite can be used as a geothermometer (e.g., Robert, 1976; Luhr et al., 1984; Patiño Douce, 1993; Henry et al., 2005). The experimental work of Henry et al. (2005) proposes the use of the Ti-biotite geothermometer for metapelitic rocks, but several authors have applied this geothermometer to granitic rocks (e.g., Tang et al., 2019). The Henry et al. (2005) expression is: $T=\{[ln(Ti)-ac(X_{Mg})^3]/b\}^{0.333}$, with an error of ± 24 °C; where T = temperature (°C), $X_{Mg} = Mg/(Mg+Fe)$ and the constants are: a = -2.3594, b = 4.6482*10-9 and c = -1.7283. The calibration range for this expression is $X_{Mg} = 0.275-1.000$, Ti = 0.04-0.60 apfu, T = 800-480 °C, and 6-3 kbar. Applied to biotite crystals of the MEs, temperatures range from 993-801 °C, and temperatures of BG crystals range from 993-782 °C (Table 1). The maximum values obtained in this study exceed the limits established for the geothermometer by Henry et al. (2005) and should therefore be used with caution. Some authors (e.g. Cesare et al., 2008;

Azadbakht et al., 2020; Li and Zhang., 2022) have evaluated the reliability of the thermometer of Henry et al. (2005) in igneous rocks and found that the calculated temperature usually diverges from the values obtained in experiments. In the thermometer calibrated by Li and Zhang. (2022), the temperatures obtained for the studied rocks were 900-780 °C for EMs and 809-765 °C for granites. The two temperatures sets obtained by the two different geothermometers undoubtedly represent liquidus temperatures. Although experimental studies with rhyolitic and trachytic magmas saturated in H₂O indicate that biotite can crystallize at temperatures between 950-1000 °C (e.g. Costa et al., 2020), we consider that the temperature of 900 °C is the most likely for early crystallization of biotite in the enclaves.

By correlating the P-T data for magmatic biotite crystals (Figure 8), it can be seen that: (1) the range of temperature (900-800 °C) obtained for biotite crystallization in both the microgranular enclaves and the granite are undoubtedly magmatic; (2) the evolution marked by the decrease in temperature and pressure for the two sets of biotite crystals (enclave and granite), may reflect the rise of magmas towards the mesozonal crust; (3) most pressure obtained on biotite crystals from granites concentrates between 6-3 kbar and only 4 analyses distance themselves from this set and show pressure and temperature values similar to the highest values found in the enclaves. These high-temperature and pressure biotite crystals in granites may correspond to xenocrysts assimilated from the trachytic magma during magma interaction, supporting the hypothesis of more intense assimilation and disaggregation observed in some enclaves. More intense assimilation between the magmas, observed in some enclaves and the disaggregation of clinopyroxene and biotite clots, are features present in the studied rocks that support this hypothesis.

The maximum temperature values obtained for the crystallization of biotite are lower than those found for phosphorus saturation (Figure 8). Assuming the presence of biotite xenocrysts in the granites, the interaction between the trachytic and rhyolitic magmas likely occurred at 23 km depth and temperatures around 800 °C (Figure P-T). Fernandez and Barbarin (1991) propose that to generate microgranular enclaves, the degree of crystallization of the host magma must reach 20-30%, creating a significant temperature and viscosity between contrasting magmas. Under these conditions, the temperature difference, capable of generating the thermal shock necessary to form the acicular apatite, skeletal zircon, and biotite blade textures in the studied microgranular enclaves. On the other hand, the biotite included in alkali feldspar can be preserved from interaction with hydrothermal fluids frequent in the cooling of plutonic systems.

Wones and Eugster (1965) suggest that the molar fraction of magnesium ($X_{Mg} = [Mg/(Mg+Fe)]$) in magmas and fluids tends to increase with higher oxygen fugacity. They propose a diagram correlating Fe²⁺ - Fe³⁺ - Mg²⁺ that allows inferences about the conditions of oxygen fugacity in the magma where biotite crystallized. The biotite crystals from both MEs and the host biotite-granite are above the QFM buffer and in the NNO, indicating relatively oxidized conditions, as the values range between -19 and -16 (Table 3). The titanite-magnetite-quartz paragenesis, that characterizes high degree of oxidation according to Wones (1989) is present in the mineral composition of MEs and biotite-granite.



Figure 8. Temperature (°C) - Pressure (kbar) diagram with thermobarometric determinations, calculated using the Li and Zhang. (2022) algorithm, of the biotite crystals from the enclaves and studied biotitagranites. The gray rectangle corresponds to the temperature range for saturation of the trachytic magma (enclave) in phosphorus, calculated using the Harrison and Watson (1984) algorithm. Red curve = watersaturated granite solidus. Blue curves delimit the stability fields of the minerals kyanite, andalusite and sillimanite. Black circle = biotite crystals from microgranular enclaves; white circle = biotite crystals from granites



Figure 9. Fe^{2+} - Fe^{3+} - Mg^{2+} diagram of the Wones and Eugster (1965) for inferring oxygen fugacity conditions, applied to the studied biotite crystals. Quartz-fayalite-magnetite (QFM), nickel-nickel oxide (NNO) and hematite-magnetite (HM) buffers. The circles correspond to microgranular enclave biotite crystals and the biotite square to host biotite-granite.

Several studies have demonstrated the existence of relationships between the chemistry of magmatic biotite and the composition of the magma from which it was formed (e.g., Nachit et al., 1985; Abdel Ramam, 1994). The chemical data obtained in this study suggest that the GSS biotite (enclaves and granites) has crystallized from magmas of the magnetite series (Figure 10A), which reinforces the hypothesis of crystallization under high oxygen fugacity conditions, and indicates magmas generated through melting of igneous protoliths.

The analyzed biotite crystals show affinities with orogenic magmas (Figure 10B and C). The biotite from MEs shows calc-alkaline affinity and that from BG shows calc-alkaline and peraluminous affinities (Figure 10B). By correlating the cation contents of Al and Mg, the biotite analyses of the studied rocks plot in the calc-alkaline field (Figure 10C). According to Zhou et al. (1986) the MgO and Fe# values discriminate the source of the magmas from which the biotite crystals were crystallized (Figure 11). The studied biotite data (enclave and granite) occupy a field of magmas formed by the mixture between crustal and mantle sources (Figure 11). These results support the hypothesis proposed by Conceição et al. (2016) that GSS rocks result from the interaction between magmas and for various other SOS intrusions (e.g., Lisboa et al., 2019, 2020; Soares et al., 2022; Sousa et al., 2022, 2022a).



Figure 10. Diagrams for magmatic affinity inferences based on chemical data from biotite crystals applied to the analyzes of this study. (A) Fe/(Fe+Mg) - total Al diagram of the Anderson (2008. (B) Triangular diagram FeO^* - $MgO - Al_2O_3$ with fields of crystallized biotite in alkaline, calc-alkaline, and peraluminous magmas (Abdel Raman 1994). (C) Total Al - Mg diagram Nachit et al. (1985), with crystallized biotite fields in alkaline, calc-alkaline, aluminopotassic and peraluminous magmas. The circles correspond to biotite crystals from MEs and the area delimits the composition of biotite crystals from syenogranites.



Figure 11. FeO/(FeO+MgO) versus MgO diagram Sousa et al. (2019) modified from Zhou (1986) for inference on the nature of the biotite-forming magma applied to the biotite crystals studied from Glória Sul Stock. The biotite fields of leucogranites (crustal source in red) and phlogopite of peridotites (mantle source in green).

7. FINAL CONSIDERATIONS

Microgranular syenitic enclaves are abundant in the dioside-bearing biotite granite from the Glória Sul Stock. These enclaves are centimetric, homogeneous and multiple, fine-grained, ranging in color from black to light grey, with well-defined contacts, rounded and ellipsoid shapes and host feldspar xenocrysts. These features indicate that two distinct magmas were present in the structuring of this Gloria Sul Stock: trachytic (enclaves) and rhyolitic (granites). Texture and mineral chemistry studies have led to the conclusion that:

(1) The biotite crystals (magmatic and reequilibrated magmatic) present in the studied rocks are euhedral, subhedral and correspond to Fe- and Mg-biotite, with Mg-biotite dominant in the enclaves.

(2) The chemical evolution of the studied biotite crystals is controlled by two chemical substitutions ($^{VI}R^{2+} + 2 ~^{VI}Al^{3+} = ^{VI}\Box + 2 ~^{IV}Si^{4+}$ and $^{VI}R^{2+} + ~^{VI}Ti = 2 ~^{VI}Al$) that control the increase in aluminum and the decrease in titanium and R^{2+} (Mg, Fe and Mn), reflecting the decrease in temperature and pressure, marking their rise.

(3) The use of geothermobarometers made it possible to determine the initial crystallization temperature of the biotite in the enclaves (900 °C) and granites (800 °C), as well as the respective pressures around 10.7 kbar (39 km) and around 6.3 kbar (23 km). The maximum depth estimated for the interaction between trachytic and rhyolitic magmas was 23 km in a magma chamber with a maximum temperature of 800 °C.

(4) The chemical data of biotite indicates that it crystallized from Type I, oxidizing, calc-alkaline (enclave) and calc-alkaline and peraluminous (granite) magmas, and that these rocks resulted from the mingling of mantle (enclave) and crustal (granite) magmas.

CRediT authorship contribution statement

Asayuki Rodrigues Menezes: Fieldwork, Writing – review & editing, Writing – original draft, Investigation, Data curation, Software, Conceptualization. Joane Almeida da Conceição: Fieldwork, Writing - original draft, Research, Data curation. Maria de Lourdes da Silva Rosa: Fieldwork, Writing – review & editing, Project administration, Methodology. Gisele Tavares Marques: Formal analysis, Data curation. Claudio Nery Lamarão: Supervision, Resources, Funding acquisition. Herbet Conceição: Fieldwork, Writing – review & editing, Writing – original draft, Validation, Supervision, Resources, Project administration, Methodology, Funding acquisition.

Declaration of competing interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

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CAPÍTULO 3: Considerações Finais

3.1 CONCLUSÕES GERAIS

Os enclaves microgranulares do SGS correspondem a diopsídio biotita álcalifeldspato sienito, diopsídio biotita quartzo álcali-feldspato sienito, diopsídio biotita sienitos e diopsídio biotita quartzo-sienitos, eles ocorrem com dimensões centimétricas, granulação fina, arredondados, e exibem contatos bem definidos com os biotitasienogranitos hospedeiros. Os tamanhos diminutos e a usual orientação sugerem que o fluxo magmático desagregou, dispersou e orientou as gotas de magma máficointermediário responsáveis pela formação dos enclaves.

A biotita, é o mineral máfico mais abundante nos enclaves microgranulares ocorrendo com volume variando de 18-28%, é marrom, subédrica e tem tamanhos similares aos outros minerais ígneos. Os cristais têm composição de Mg-biotita e Febiotita, sendo que nos enclaves microgranulares domina Mg-biotita enquanto no sienogranito encaixante predomina Fe-biotita.

A maioria dos cristais de biotita das rochas estudadas são magmáticos reequilibrados, ocorrendo cristais mais preservados (alto titânio) e magmáticos, nos enclaves e sienogranito encaixante respectivamente, como inclusões em feldspatos. A evolução química dos cristais analisados foi influenciada por duas substituições principais: (1) $VIR^{2+} + 2 VIAI^{3+} = VI_{\Box} + 2 IVSi^{4+}$ e (2) $VIR^{2+} + VITi = 2VIAI$, evidenciando que o aumento do conteúdo de alumínio está relacionado a diminuição do titânio e R^{2+} (Mg, Fe e Mn) que indica a diminuição de temperatura e pressão.

As estimativas termobarométricas indicam temperaturas de cristalização da biotita nos enclaves microgranulares entre 900-780 °C e de 809-765 °C para os sienogranitos, e pressões máximas para a cristalização de 10,7 kbar para os enclaves e de 6,3 kbar para os sienogranitos. A semelhança entre as temperaturas das duas rochas sugere que essas temperaturas sejam o registo da interação entre os magmas traquítico (enclaves) e riolítico (sienogranito). A pressão indica a biotita nos Sem iniciou a uma profundidade de 39 km e a interação entre os magmas ocorreu a cerca de 23 km. A paragênese presente nos enclaves (titanita + diopsídio + magnetita + quartzo) é oxidante e compatível com a inferida com os dados químicos da biotita.

A composição química da biotita estudada indica que este mineral foi cristalizado a partir de magma com elevada fugacidade de oxigênio da série magnetita (fusão de protólito ígneo), cálcio-alcalino e orogênico. Estes dados químicos também indicam evolução complexa deste magma, envolvendo mistura entre magmas mantélico e crustal na formação destas rochas. Essa hipótese é coerente com o panorama petrológico advogado para os magmas no Domínio Macururé do Sistema Orogênico Sergipano.

ANEXO: Comprovante de Submissão do Artigo

| Date: | Jun 03, 2024 |
|----------|--|
| То: | "ASAYUKI RODRIGUES MENEZES" asayuki_45@hotmail.com;asayukirm@outlook.com |
| From: | "Journal of South American Earth Sciences" support@elsevier.com |
| Subject: | Decision on submission to Journal of South American Earth Sciences |

Manuscript Number: SAMES-D-23-00809R1

Chemical-memory of biotite crystals preserves the temperature and pressure conditions of the mixing process between trachytic and rhyolitic magmas in the Glória Sul Stock, Sergipano Orogenic System, Northeast Brazil

Dear Mr. MENEZES,

Thank you for submitting your manuscript to Journal of South American Earth Sciences.

I am pleased to inform you that your manuscript has been accepted for publication.

My comments, and any reviewer comments, are below.

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Kind regards, Monica da Costa Pereira Lavalle Heilbron Section Editor

Journal of South American Earth Sciences

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APÊNDICE: Análises Químicas dos Cristais de Biotita

| Rock | ME |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample | SOS-600I |
| Position | С | Ι | Ι | Ι | Ι | Ι | Ι | Ι | В | С | С |
| SiO ₂ | 39.84 | 39.17 | 39.55 | 40.03 | 38.02 | 40.03 | 38.59 | 39.36 | 39.46 | 39.26 | 39.26 |
| TiO ₂ | 1.54 | 1.44 | 1.44 | 1.34 | 1.15 | 1.34 | 1.15 | 1.54 | 1.44 | 1.92 | 1.82 |
| Al_2O_3 | 16.61 | 16.70 | 16.90 | 16.51 | 17.18 | 16.51 | 16.70 | 15.26 | 16.42 | 16.99 | 17.18 |
| FeO | 14.50 | 15.55 | 14.78 | 14.88 | 17.18 | 14.88 | 17.76 | 15.26 | 14.78 | 15.26 | 14.59 |
| MnO | 0.10 | 0.19 | 0.19 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.19 | 0.10 | 0.10 |
| MgO | 13.34 | 12.77 | 13.25 | 13.06 | 13.34 | 13.15 | 13.15 | 12.86 | 13.15 | 12.58 | 12.77 |
| CaO | | | | | | | | | | | |
| Na ₂ O | | | | | | | | | | | |
| K ₂ Õ | 9.31 | 9.31 | 9.22 | 9.41 | 7.68 | 9.12 | 7.58 | 9.31 | 9.02 | 9.22 | 9.31 |
| BaO | | | | | | | | | | | |
| Cr_2O_3 | | | | | | | | | | | |
| NiO | | | | | | | | | | | |
| F | 0.80 | 0.70 | 0.80 | 0.70 | 1.40 | 0.70 | 0.90 | 1.32 | 1.60 | 1.10 | 1.00 |
| Cl | 0.20 | 0.10 | | 0.10 | | 0.10 | 0.10 | 0.20 | 0.10 | 0.10 | |
| *OH=F=Cl | -0.38 | -0.32 | -0.34 | -0.32 | -0.59 | -0.32 | -0.40 | -0.60 | -0.70 | -0.49 | -0.42 |
| TOTAL | 96.23 | 95.94 | 96.13 | 96.13 | 96.06 | 95.94 | 96.04 | 95.22 | 96.16 | 96.53 | 96.04 |
| Si | 5.867 | 5.815 | 5.828 | 5.900 | 5.674 | 5.902 | 5.743 | 5.932 | 5.865 | 5.800 | 5.801 |
| Al ^{IV} | 2.133 | 2.185 | 2.172 | 2.100 | 2.326 | 2.098 | 2.257 | 2.068 | 2.135 | 2.200 | 2.199 |
| Al ^{VI} | 0.750 | 0.739 | 0.763 | 0.769 | 0.698 | 0.771 | 0.674 | 0.643 | 0.742 | 0.759 | 0.793 |
| Ti | 0.170 | 0 161 | 0 160 | 0 149 | 0.129 | 0 149 | 0.129 | 0 174 | 0 161 | 0.213 | 0 203 |
| Cr | 01170 | 01101 | 01100 | 01112 | 0.11_2 | 01119 | 011_2 | 01171 | 01101 | 0.210 | 0.200 |
| ^T Fe | 1 785 | 1 931 | 1 822 | 1 834 | 2 145 | 1 835 | 2.210 | 1 924 | 1 838 | 1 886 | 1 803 |
| Mn | 0.012 | 0.024 | 0.022 | 0.012 | 0.012 | 0.012 | 0.012 | 0.012 | 0.024 | 0.012 | 0.012 |
| Μσ | 2 929 | 2 826 | 2 910 | 2 869 | 2 969 | 2 890 | 2 918 | 2 890 | 2 915 | 2 769 | 2 812 |
| Ni | 2.727 | 2.020 | 2.910 | 2.007 | 2.909 | 2.070 | 2.910 | 2.070 | 2.915 | 2.707 | 2.012 |
| Ca | | | | | | | | | | | |
| Na | | | | | | | | | | | |
| K | 1 749 | 1 763 | 1 732 | 1 769 | 1 462 | 1 715 | 1 440 | 1 790 | 1 711 | 1 736 | 1 755 |
| Ba | 11, 12 | 11,00 | 11,02 | 11,02 | 11102 | 11,10 | 11110 | 11770 | 10,11 | 11,00 | 11,00 |
| TOTAL | 19.396 | 19.444 | 19.411 | 19.401 | 19.416 | 19.372 | 19.382 | 19.433 | 19.391 | 19.376 | 19.378 |
| *OH | 3.577 | 3.646 | 3.627 | 3.649 | 3.339 | 3.649 | 3.551 | 3.320 | 3.223 | 3.461 | 3.533 |
| F | 0.373 | 0.329 | 0.373 | 0.326 | 0.661 | 0.326 | 0.424 | 0.629 | 0.752 | 0.514 | 0.467 |
| Cl | 0.050 | 0.025 | | 0.025 | | 0.025 | 0.025 | 0.051 | 0.025 | 0.025 | |
| *Li | 1.087 | 0.986 | 1.041 | 1.119 | 0.801 | 1.119 | 0.894 | 1.033 | 1.035 | 0.997 | 0.997 |
| *Fe ³⁺ | 0.326 | 0.283 | 0.289 | 0.389 | 0.001 | 0.345 | 0.071 | 0.325 | 0.284 | 0.263 | 0.311 |
| T °C (Henry <i>et al</i> ., 2005) | 597 | 532 | 551 | 505 | 388 | 507 | 375 | 587 | 555 | 701 | 687 |
| P kbar (Uchida <i>et al.</i> , 2007) | 2.21 | 2.33 | 2.36 | 2.16 | 2.63 | 2.16 | 2.35 | 1.69 | 2.19 | 2.43 | 2.54 |
| $T \circ C$ (Li <i>et al.</i> 2022) | 834 | 825 | 847 | 843 | 824 | 830 | 794 | 846 | 829 | 855 | 885 |
| P kbar (Li <i>et al</i> ., 2022) | 8.72 | 6.78 | 7.18 | 8.4 | 5.21 | 7.21 | 5.34 | 6.98 | 5.72 | 7.76 | 8.92 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600I |
| С | Ι | В | С | В | С | В | С | В | С | В | С | В | С |
| 39.55 | 40.13 | 39.26 | 38.49 | 39.02 | 38.89 | 38.76 | 38.42 | 38.99 | 38.99 | 38.57 | 39.32 | 38.86 | 38.67 |
| 1.44 | 1.44 | 1.25 | 1.56 | 1.53 | 1.51 | 1.59 | 1.80 | 1.61 | 1.61 | 1.29 | 1.51 | 1.47 | 1.42 |
| 16.51 | 16.42 | 16.42 | 15.15 | 15.24 | 15.21 | 15.19 | 16.14 | 16.59 | 16.59 | 16.03 | 15.60 | 15.36 | 15.62 |
| 14.88 | 14.88 | 15.46 | 17.18 | 16.22 | 16.20 | 16.14 | 15.89 | 15.37 | 15.37 | 15.67 | 15.98 | 16.39 | 16.83 |
| 0.10 | 0.10 | 0.19 | 0.27 | 0.24 | 0.25 | 0.23 | 0.30 | 0.25 | 0.25 | 0.31 | 0.24 | 0.23 | 0.28 |
| 13.54 | 13.15 | 13.54 | 13.31 | 13.85 | 13.72 | 13.73 | 13.17 | 13.10 | 13.10 | 13.79 | 13.78 | 13.55 | 13.49 |
| | | | 0.11 | 0.12 | | | 0.12 | 0.09 | 0.09 | 0.13 | 0.07 | 0.10 | 0.12 |
| | | | 0.15 | 0.05 | 0.15 | 0.05 | 0.22 | 0.25 | 0.25 | 0.18 | | 0.13 | 0.13 |
| 9.31 | 9.50 | 8.64 | 9.72 | 9.59 | 9.50 | 9.58 | 9.74 | 9.46 | 9.46 | 9.45 | 9.36 | 9.76 | 9.33 |
| | | | | | | | | | | | | | |
| | | | | 0.08 | 0.07 | | 0.14 | 0.06 | 0.06 | 0.01 | 0.12 | 0.08 | |
| | | | | 0.04 | 0.10 | 0.19 | | 0.04 | 0.04 | 0.09 | 0.04 | | 0.01 |
| 0.70 | 0.40 | 1.30 | | | 0.35 | 0.56 | | 0.17 | | 0.51 | | 0.03 | 0.04 |
| | | 0.20 | 0.07 | 0.01 | 0.06 | | 0.05 | 0.05 | 0.08 | | | 0.04 | 0.03 |
| -0.29 | -0.17 | -0.59 | -0.02 | 0.00 | -0.16 | -0.24 | -0.01 | -0.08 | -0.02 | -0.21 | | -0.02 | -0.02 |
| 96.03 | 96.02 | 96.25 | 96.01 | 95.99 | 96.01 | 96.02 | 95.99 | 96.02 | 95.88 | 96.02 | 96.02 | 95.99 | 95.97 |
| 5.836 | 5.900 | 5.828 | 5.760 | 5.796 | 5.800 | 5.792 | 5.712 | 5.764 | 5.764 | 5.743 | 5.813 | 5.787 | 5.759 |
| 2.164 | 2.100 | 2.172 | 2.240 | 2.204 | 2.200 | 2.208 | 2.288 | 2.236 | 2.236 | 2.257 | 2.187 | 2.213 | 2.241 |
| 0.707 | 0.744 | 0.701 | 0.432 | 0.463 | 0.473 | 0.466 | 0.540 | 0.655 | 0.655 | 0.556 | 0.531 | 0.483 | 0.500 |
| 0.160 | 0.159 | 0.139 | 0.176 | 0.171 | 0.169 | 0.179 | 0.202 | 0.179 | 0.179 | 0.144 | 0.168 | 0.165 | 0.159 |
| | | | | 0.009 | 0.008 | | 0.017 | 0.007 | 0.007 | 0.001 | 0.015 | 0.009 | |
| 1.836 | 1.830 | 1.919 | 2.151 | 2.015 | 2.021 | 2.016 | 1.975 | 1.901 | 1.901 | 1.951 | 1.976 | 2.041 | 2.096 |
| 0.012 | 0.012 | 0.024 | 0.034 | 0.030 | 0.032 | 0.029 | 0.037 | 0.031 | 0.031 | 0.039 | 0.030 | 0.029 | 0.035 |
| 2.977 | 2.882 | 2.995 | 2.968 | 3.067 | 3.050 | 3.058 | 2.919 | 2.888 | 2.888 | 3.060 | 3.036 | 3.007 | 2.994 |
| | | | | 0.005 | 0.012 | 0.023 | | 0.005 | 0.005 | 0.010 | 0.005 | | 0.001 |
| | | | 0.017 | 0.020 | | | 0.018 | 0.014 | 0.014 | 0.021 | 0.011 | 0.015 | 0.020 |
| | | | 0.045 | 0.014 | 0.044 | 0.014 | 0.064 | 0.072 | 0.072 | 0.053 | | 0.039 | 0.039 |
| 1.752 | 1.782 | 1.636 | 1.856 | 1.817 | 1.808 | 1.826 | 1.848 | 1.783 | 1.783 | 1.794 | 1.765 | 1.855 | 1.772 |
| | | | | | | | | | | | | | |
| 19.445 | 19.410 | 19.414 | 19.679 | 19.611 | 19.617 | 19.612 | 19.620 | 19.535 | 19.535 | 19.629 | 19.536 | 19.642 | 19.617 |
| 3.673 | 3.814 | 3.339 | 3.982 | 3.997 | 3.820 | 3.735 | 3.987 | 3.908 | 3.980 | 3.760 | 4.000 | 3.976 | 3.974 |
| 0.327 | 0.186 | 0.610 | | | 0.165 | 0.265 | | 0.079 | | 0.240 | | 0.014 | 0.019 |
| | | 0.050 | 0.018 | 0.003 | 0.015 | | 0.013 | 0.013 | 0.020 | | | 0.010 | 0.008 |
| 1.043 | 1.132 | 1.002 | 0.881 | 0.963 | 0.945 | 0.926 | 0.864 | 0.952 | 0.952 | 0.891 | 1.007 | 0.939 | 0.907 |
| 0.264 | 0.379 | 0.148 | 0.113 | 0.124 | 0.120 | 0.089 | 0.193 | 0.276 | 0.276 | 0.170 | 0.130 | 0.182 | 0.098 |
| 556 | 546 | 464 | 571 | 578 | 570 | 606 | 670 | 607 | 607 | 485 | 570 | 548 | 520 |
| 2.17 | 2.09 | 2.17 | 1.57 | 1.55 | 1.57 | 1.57 | 2.04 | 2.23 | 2.23 | 1.99 | 1.71 | 1.64 | 1.78 |
| 869 | 857 | 805 | 776 | 799 | 797 | 844 | 789 | 799 | 786 | 829 | 817 | 789 | 780 |
| 9.21 | 9.97 | 4.88 | 4.6 | 6.43 | 4.93 | 7.43 | 5.25 | 6.27 | 6.15 | 6.24 | 7.27 | 5.74 | 5.63 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600I |
| В | С | В | С | В | С | В | С | С | В | С | С | В | С |
| 37.95 | 39.07 | 39.11 | 38.76 | 39.45 | 38.65 | 38.70 | 38.65 | 38.41 | 38.59 | 38.74 | 39.13 | 39.51 | 38.89 |
| 1.46 | 1.56 | 1.35 | 1.66 | 1.72 | 1.67 | 1.54 | 1.56 | 1.66 | 1.62 | 1.25 | 1.57 | 1.55 | 1.45 |
| 15.34 | 15.34 | 15.37 | 15.64 | 16.02 | 15.68 | 15.63 | 15.21 | 15.24 | 15.24 | 15.27 | 15.86 | 16.15 | 15.73 |
| 18.60 | 16.05 | 16.69 | 16.45 | 15.24 | 16.29 | 16.62 | 16.74 | 16.62 | 16.72 | 16.73 | 16.10 | 15.15 | 16.53 |
| 0.20 | 0.25 | 0.24 | 0.23 | 0.24 | 0.14 | 0.25 | 0.27 | 0.13 | 0.23 | 0.29 | 0.28 | 0.18 | 0.35 |
| 13.50 | 13.72 | 13.80 | 13.34 | 13.56 | 13.54 | 13.74 | 13.55 | 13.41 | 13.24 | 13.91 | 13.14 | 13.77 | 12.96 |
| 0.13 | 0.06 | 0.05 | 0.04 | 0.21 | 0.06 | 0.13 | 0.11 | 0.09 | 0.28 | 0.09 | 0.04 | 0.08 | 0.12 |
| 0.01 | 0.12 | 0.05 | 0.02 | 0.01 | | 0.12 | | | 0.16 | 0.20 | 0.12 | | 0.08 |
| 8.49 | 9.75 | 9.07 | 9.77 | 9.51 | 9.72 | 9.11 | 9.53 | 9.59 | 9.86 | 9.35 | 9.72 | 9.30 | 9.68 |
| | | | | | | | | | | | | | |
| 0.07 | 0.05 | 0.02 | 0.01 | 0.05 | 0.08 | 0.05 | 0.12 | | | 0.05 | 0.02 | 0.16 | 0.15 |
| 0.02 | | | | | 0.09 | 0.10 | | 0.10 | | 0.10 | | 0.11 | |
| 0.15 | | | | | | | 0.22 | 0.22 | 0.01 | 0.01 | 0.03 | | 0.06 |
| 0.09 | 0.02 | 0.24 | 0.07 | | 0.09 | 0.03 | 0.06 | | 0.24 | 0.03 | | 0.05 | |
| -0.08 | 0.00 | -0.05 | -0.02 | | -0.02 | -0.01 | -0.11 | -0.09 | -0.06 | -0.01 | -0.01 | -0.01 | -0.03 |
| 96.00 | 96.00 | 95.99 | 96.00 | 96.01 | 96.00 | 96.01 | 96.01 | 95.47 | 96.19 | 96.01 | 96.01 | 96.00 | 95.99 |
| 5.690 | 5.801 | 5.811 | 5.769 | 5.811 | 5.750 | 5.747 | 5.773 | 5.766 | 5.767 | 5.769 | 5.803 | 5.813 | 5.790 |
| 2.310 | 2.199 | 2.189 | 2.231 | 2.189 | 2.250 | 2.253 | 2.227 | 2.234 | 2.233 | 2.231 | 2.197 | 2.187 | 2.210 |
| 0.402 | 0.486 | 0.503 | 0.512 | 0.594 | 0.499 | 0.483 | 0.450 | 0.463 | 0.451 | 0.451 | 0.576 | 0.613 | 0.551 |
| 0.165 | 0.175 | 0.151 | 0.186 | 0.190 | 0.187 | 0.172 | 0.176 | 0.187 | 0.182 | 0.140 | 0.176 | 0.171 | 0.162 |
| 0.008 | 0.006 | 0.002 | 0.001 | 0.006 | 0.009 | 0.006 | 0.014 | | | 0.006 | 0.002 | 0.019 | 0.018 |
| 2.332 | 1.993 | 2.074 | 2.048 | 1.877 | 2.027 | 2.064 | 2.091 | 2.086 | 2.090 | 2.084 | 1.997 | 1.864 | 2.058 |
| 0.026 | 0.031 | 0.030 | 0.029 | 0.030 | 0.018 | 0.031 | 0.034 | 0.017 | 0.029 | 0.036 | 0.035 | 0.023 | 0.044 |
| 3.017 | 3.036 | 3.055 | 2.960 | 2.979 | 3.002 | 3.041 | 3.016 | 3.001 | 2.949 | 3.088 | 2.906 | 3.019 | 2.876 |
| 0.002 | | | | | 0.010 | 0.011 | | 0.012 | | 0.012 | | 0.012 | |
| 0.022 | 0.009 | 0.008 | 0.006 | 0.033 | 0.009 | 0.021 | 0.017 | 0.014 | 0.045 | 0.014 | 0.006 | 0.012 | 0.018 |
| 0.003 | 0.036 | 0.014 | 0.006 | 0.003 | | 0.036 | | | 0.047 | 0.058 | 0.033 | | 0.022 |
| 1.623 | 1.847 | 1.719 | 1.855 | 1.788 | 1.845 | 1.726 | 1.816 | 1.836 | 1.879 | 1.776 | 1.840 | 1.746 | 1.838 |
| | | | | | | | | | | | | | |
| 19.598 | 19.620 | 19.557 | 19.603 | 19.500 | 19.607 | 19.591 | 19.614 | 19.616 | 19.672 | 19.665 | 19.570 | 19.479 | 19.588 |
| 3.906 | 3.995 | 3.940 | 3.982 | 4.000 | 3.977 | 3.992 | 3.881 | 3.896 | 3.934 | 3.988 | 3.986 | 3.988 | 3.972 |
| 0.071 | | | | | | | 0.104 | 0.104 | 0.005 | 0.005 | 0.014 | | 0.028 |
| 0.023 | 0.005 | 0.060 | 0.018 | | 0.023 | 0.008 | 0.015 | | 0.061 | 0.008 | | 0.012 | |
| 0.793 | 0.970 | 0.977 | 0.922 | 1.024 | 0.903 | 0.909 | 0.906 | 0.871 | 0.897 | 0.918 | 0.979 | 1.033 | 0.943 |
| | 0.174 | 0.058 | 0.139 | 0.239 | 0.109 | 0.036 | 0.078 | 0.083 | 0.208 | 0.079 | 0.238 | 0.193 | 0.228 |
| 515 | 593 | 498 | 615 | 655 | 625 | 573 | 582 | 619 | 598 | 452 | 583 | 596 | 526 |
| 1.69 | 1.61 | 1.63 | 1.78 | 1.90 | 1.80 | 1.76 | 1.58 | 1.64 | 1.60 | 1.59 | 1.87 | 1.95 | 1.84 |
| 783 | 789 | 775 | 797 | 831 | 804 | 777 | 806 | 846 | 788 | 774 | 816 | 809 | 811 |
| 5.59 | 5.74 | 5.04 | 6.66 | 8.26 | 7.7 | 5.5 | 5.72 | 9.14 | 6.77 | 4.09 | 6.81 | 6.96 | 6.1 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600I |
| В | С | В | С | В | С | В | С | В | С | В | С | В | С |
| 38.47 | 38.70 | 38.34 | 38.68 | 38.82 | 38.98 | 38.76 | 38.61 | 37.43 | 38.97 | 38.05 | 38.41 | 37.79 | 38.83 |
| 1.47 | 1.73 | 1.69 | 1.43 | 1.49 | 1.54 | 1.31 | 1.53 | 1.45 | 1.66 | 1.29 | 1.50 | 1.66 | 1.61 |
| 15.95 | 15.72 | 15.14 | 15.62 | 15.53 | 15.59 | 15.76 | 15.86 | 15.23 | 15.59 | 15.74 | 15.52 | 15.02 | 15.38 |
| 16.96 | 16.21 | 17.30 | 16.72 | 15.88 | 16.45 | 16.93 | 16.18 | 18.64 | 16.38 | 17.69 | 16.78 | 18.08 | 16.29 |
| 0.32 | 0.26 | 0.23 | 0.31 | 0.34 | 0.26 | 0.32 | 0.23 | 0.29 | 0.27 | 0.33 | 0.25 | 0.32 | 0.18 |
| 12.29 | 13.48 | 13.09 | 13.25 | 13.46 | 12.87 | 13.54 | 13.46 | 13.28 | 13.48 | 13.63 | 13.74 | 12.63 | 13.56 |
| 0.19 | 0.03 | 0.10 | 0.10 | 0.12 | 0.23 | 0.07 | 0.09 | 0.03 | 0.09 | 0.22 | 0.10 | 0.10 | 0.26 |
| 0.21 | 0.10 | 0.04 | | | 0.25 | 0.14 | 0.07 | 0.20 | 0.05 | 0.04 | 0.06 | 0.27 | 0.10 |
| 9.83 | 9.70 | 10.02 | 9.78 | 9.62 | 9.47 | 8.93 | 9.69 | 9.28 | 9.34 | 8.99 | 9.44 | 9.58 | 9.57 |
| 0.12 | 0.01 | 0.01 | 0.11 | 0.10 | 0.20 | 0.20 | 0.10 | 0.11 | 0.12 | | 0.00 | 0.15 | 0.17 |
| 0.12 | 0.01 | 0.01 | 0.11 | 0.19 | 0.20 | 0.20 | 0.19 | 0.11 | 0.12 | | 0.09 | 0.15 | 0.17 |
| 0.01 | 0.04 | | | 0.05 | 0.04 | | 0.04 | 0.05 | | | 0.11 | 0.41 | 0.01 |
| 0.02 | 0.04 | 0.05 | 0.02 | 0.55 | 0.12 | 0.06 | 0.05 | 0.03 | 0.06 | 0.03 | 0.02 | 0.41 | 0.03 |
| -0.02 | -0.03 | -0.01 | 0.02 | -0.23 | -0.03 | -0.01 | -0.01 | -0.03 | -0.01 | -0.01 | -0.05 | -0.17 | -0.01 |
| 96.01 | 96.00 | 96.01 | 96.00 | 96.02 | 96.00 | 96.02 | 95.98 | 96.01 | 95 99 | 96.01 | 96.01 | 96.02 | 96.00 |
| 5.759 | 5.753 | 5.749 | 5.766 | 5.791 | 5.802 | 5.758 | 5.742 | 5.644 | 5.783 | 5.684 | 5.728 | 5.713 | 5.774 |
| 2.241 | 2.247 | 2.251 | 2.234 | 2.209 | 2.198 | 2.242 | 2.258 | 2.356 | 2.217 | 2.316 | 2.272 | 2.287 | 2.226 |
| 0.573 | 0.508 | 0.425 | 0.510 | 0.522 | 0.537 | 0.517 | 0.522 | 0.350 | 0.510 | 0.456 | 0.457 | 0.390 | 0.469 |
| 0.165 | 0.193 | 0.191 | 0.160 | 0.167 | 0.172 | 0.146 | 0.171 | 0.164 | 0.185 | 0.145 | 0.168 | 0.189 | 0.180 |
| 0.015 | 0.001 | 0.001 | 0.012 | 0.023 | 0.024 | 0.024 | 0.023 | 0.013 | 0.014 | | 0.010 | 0.018 | 0.020 |
| 2.124 | 2.016 | 2.169 | 2.085 | 1.981 | 2.048 | 2.104 | 2.012 | 2.351 | 2.033 | 2.210 | 2.093 | 2.286 | 2.026 |
| 0.040 | 0.033 | 0.029 | 0.039 | 0.042 | 0.033 | 0.040 | 0.029 | 0.037 | 0.034 | 0.041 | 0.032 | 0.041 | 0.023 |
| 2.742 | 2.987 | 2.927 | 2.944 | 2.993 | 2.857 | 2.997 | 2.984 | 2.984 | 2.982 | 3.036 | 3.054 | 2.847 | 3.006 |
| 0.001 | | | | 0.003 | 0.005 | | 0.005 | 0.006 | | | | | 0.001 |
| 0.031 | 0.005 | 0.015 | 0.015 | 0.018 | 0.037 | 0.011 | 0.014 | 0.005 | 0.014 | 0.035 | 0.015 | 0.016 | 0.041 |
| 0.061 | 0.028 | 0.011 | | | 0.072 | 0.041 | 0.019 | 0.059 | 0.014 | 0.011 | 0.017 | 0.079 | 0.028 |
| 1.877 | 1.839 | 1.917 | 1.860 | 1.830 | 1.797 | 1.691 | 1.837 | 1.785 | 1.768 | 1.712 | 1.795 | 1.848 | 1.815 |
| 19 630 | 19 609 | 19 686 | 19 626 | 19 580 | 19 581 | 19 571 | 19 615 | 19 754 | 19 553 | 19 647 | 19 640 | 19713 | 19 610 |
| 3.914 | 3.971 | 3.987 | 3.995 | 3.741 | 3.970 | 3.985 | 3.987 | 3.992 | 3.985 | 3.992 | 3.943 | 3.801 | 3.992 |
| 0.080 | 0.019 | 01207 | 01770 | 0.259 | 01770 | 01700 | 01707 | 0.772 | 01700 | 0.772 | 0.052 | 0.196 | 0.772 |
| 0.005 | 0.010 | 0.013 | 0.005 | | 0.030 | 0.015 | 0.013 | 0.008 | 0.015 | 0.008 | 0.005 | 0.003 | 0.008 |
| 0.878 | 0.910 | 0.859 | 0.909 | 0.934 | 0.957 | 0.920 | 0.896 | 0.710 | 0.953 | 0.808 | 0.865 | 0.772 | 0.932 |
| 0.310 | 0.123 | 0.120 | 0.160 | 0.182 | 0.273 | 0.048 | 0.153 | | 0.103 | | 0.033 | 0.071 | 0.168 |
| 518 | 645 | 613 | 521 | 563 | 560 | 467 | 571 | 510 | 618 | 452 | 558 | 588 | 604 |
| 2.00 | 1.81 | 1.58 | 1.79 | 1.75 | 1.76 | 1.83 | 1.89 | 1.67 | 1.73 | 1.87 | 1.74 | 1.58 | 1.64 |
| 796 | 788 | 816 | 789 | 836 | 771 | 769 | 795 | 768 | 782 | 778 | 801 | 814 | 790 |
| 6.34 | 6.06 | 8.33 | 6.1 | 6.71 | 6.04 | 4.36 | 6.28 | 4.3 | 5.21 | 5.4 | 6.42 | 5.46 | 7.1 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600I | SOS-600I | SOS-600I | SOS-600I | SOS-600I | SOS-600I | SOS-600J |
| В | С | В | С | Ι | В | С | В | С | В | С | В | С | В |
| 38.56 | 38.71 | 38.86 | 36.20 | 38.83 | 38.67 | 39.17 | 38.78 | 38.78 | 38.30 | 38.78 | 38.98 | 38.78 | 38.78 |
| 1.58 | 1.45 | 1.37 | 1.63 | 1.48 | 1.52 | 1.44 | 1.34 | 1.44 | 1.25 | 1.44 | 1.44 | 1.73 | 1.73 |
| 15.40 | 15.81 | 15.97 | 15.22 | 15.77 | 15.95 | 15.26 | 15.65 | 15.07 | 14.88 | 14.40 | 14.88 | 16.03 | 16.03 |
| 16.68 | 16.50 | 15.79 | 17.06 | 16.28 | 16.35 | 15.55 | 16.13 | 16.42 | 15.65 | 16.51 | 17.09 | 16.32 | 16.32 |
| 0.28 | 0.20 | 0.31 | 0.24 | 0.30 | 0.33 | 0.38 | 0.29 | 0.38 | | 0.38 | 0.29 | 0.38 | 0.38 |
| 13.60 | 13.29 | 13.47 | 13.20 | 13.42 | 13.12 | 13.92 | 13.82 | 13.63 | 14.40 | 13.82 | 13.06 | 12.38 | 12.38 |
| 0.17 | 0.11 | 0.28 | 0.04 | 0.08 | | | | | | | | | |
| | 0.19 | 0.17 | 0.07 | 0.10 | 0.03 | | | | 1.25 | | | | |
| 9.59 | 9.03 | 9.40 | 10.04 | 9.68 | 9.96 | 9.50 | 9.31 | 9.60 | 8.83 | 9.41 | 9.60 | 9.50 | 9.50 |
| 0.09 | 0.21 | 0.23 | | | | | | | | | | | |
| | 0.48 | 0.12 | 0.23 | | | 0.70 | 0.30 | 0.70 | 0.30 | 1.20 | 0.60 | 0.90 | 0.50 |
| 0.05 | 0.04 | 0.04 | 0.04 | | | | | 0.10 | 1.00 | 0.10 | 0.10 | | 0.10 |
| -0.01 | -0.21 | -0.06 | -0.11 | | | -0.29 | -0.13 | -0.32 | -0.35 | -0.53 | -0.28 | -0.38 | -0.23 |
| 96.00 | 96.02 | 96.02 | 93.97 | 95.93 | 95.92 | 95.93 | 95.63 | 96.13 | 95.86 | 96.05 | 96.03 | 96.04 | 95.74 |
| 5.748 | 5.768 | 5.765 | 5.592 | 5.772 | 5.759 | 5.837 | 5.783 | 5.809 | 5.764 | 5.847 | 5.851 | 5.804 | 5.804 |
| 2.252 | 2.232 | 2.235 | 2.408 | 2.228 | 2.241 | 2.163 | 2.217 | 2.191 | 2.236 | 2.153 | 2.149 | 2.196 | 2.196 |
| 0.453 | 0.545 | 0.558 | 0.363 | 0.536 | 0.559 | 0.518 | 0.534 | 0.470 | 0.404 | 0.405 | 0.484 | 0.632 | 0.632 |
| 0.178 | 0.162 | 0.153 | 0.190 | 0.165 | 0.170 | 0.161 | 0.151 | 0.162 | 0.141 | 0.163 | 0.163 | 0.194 | 0.194 |
| 0.010 | 0.025 | 0.027 | | | | | | | | | | | |
| 2.079 | 2.057 | 1.959 | 2.204 | 2.024 | 2.036 | 1.938 | 2.011 | 2.056 | 1.969 | 2.082 | 2.145 | 2.043 | 2.043 |
| 0.035 | 0.025 | 0.039 | 0.031 | 0.037 | 0.041 | 0.048 | 0.036 | 0.049 | | 0.049 | 0.037 | 0.049 | 0.049 |
| 3.023 | 2.951 | 2.978 | 3.040 | 2.974 | 2.914 | 3.092 | 3.073 | 3.044 | 3.230 | 3.107 | 2.922 | 2.763 | 2.763 |
| 0.028 | 0.017 | 0.044 | 0.006 | 0.012 | | | | | | | | | |
| | 0.055 | 0.050 | 0.020 | 0.028 | 0.008 | | | | 0.364 | | | | |
| 1.823 | 1.717 | 1.778 | 1.979 | 1.835 | 1.893 | 1.806 | 1.771 | 1.834 | 1.695 | 1.809 | 1.838 | 1.814 | 1.814 |
| 19.628 | 19.555 | 19.586 | 19.832 | 19.612 | 19.622 | 19.565 | 19.576 | 19.615 | 19.804 | 19.615 | 19.589 | 19.495 | 19.495 |
| 3.987 | 3.764 | 3.934 | 3.877 | 4.000 | 4.000 | 3.670 | 3.859 | 3.643 | 3.602 | 3.402 | 3.690 | 3.574 | 3.738 |
| | 0.226 | 0.056 | 0.112 | | | 0.330 | 0.141 | 0.332 | 0.143 | 0.572 | 0.285 | 0.426 | 0.237 |
| 0.013 | 0.010 | 0.010 | 0.010 | | | | | 0.025 | 0.255 | 0.026 | 0.025 | | 0.025 |
| 0.890 | 0.914 | 0.935 | 0.514 | 0.932 | 0.907 | 0.990 | 0.927 | 0.931 | 0.855 | 0.937 | 0.965 | 0.930 | 0.930 |
| 0.081 | 0.129 | 0.237 | | 0.175 | 0.196 | 0.144 | 0.079 | 0.101 | 0.203 | 0.055 | 0.155 | 0.223 | 0.223 |
| 590 | 533 | 513 | 615 | 550 | 559 | 558 | 505 | 541 | 486 | 547 | 520 | 625 | 625 |
| 1.67 | 1.88 | 1.93 | 1.86 | 1.84 | 1.95 | 1.59 | 1.80 | 1.53 | 1.47 | 1.22 | 1.45 | 2.04 | 2.04 |
| 785 | 810 | 790 | 840 | 806 | 834 | 830 | 818 | 812 | 789 | 811 | 814 | 851 | 814 |
| 5.82 | 5.79 | 5.31 | 8.21 | 6.77 | 8.46 | 5.19 | 6.89 | 4.35 | 4.53 | 3.43 | 5.18 | 6.1 | 5.67 |

| ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J |
| С | В | С | С | С | С | С | С | С | С | С | С | С | С |
| 38.88 | 38.88 | 39.65 | 39.26 | 38.98 | 39.17 | 38.78 | 39.55 | 39.55 | 39.55 | 39.65 | 39.26 | 39.46 | 39.65 |
| 1.63 | 1.63 | 1.44 | 1.44 | 1.54 | 1.54 | 1.63 | 1.44 | 1.44 | 1.44 | 1.54 | 1.54 | 1.54 | 1.44 |
| 15.55 | 15.94 | 14.98 | 15.74 | 15.26 | 15.74 | 15.46 | 15.94 | 16.03 | 16.03 | 15.84 | 15.55 | 15.07 | 15.84 |
| 16.80 | 16.22 | 16.13 | 16.61 | 16.99 | 16.61 | 16.70 | 16.42 | 16.22 | 16.22 | 16.03 | 17.28 | 16.80 | 16.51 |
| 0.29 | 0.29 | 0.29 | 0.29 | 0.38 | 0.19 | 0.38 | 0.29 | 0.29 | 0.29 | 0.19 | 0.19 | 0.19 | 0.19 |
| 12.96 | 13.15 | 13.92 | 12.48 | 12.96 | 12.86 | 12.58 | 12.67 | 13.06 | 13.06 | 12.77 | 12.67 | 12.58 | 12.96 |
| 9.41 | 9.31 | 9.41 | 9.50 | 9.22 | 9.60 | 9.50 | 9.31 | 9.31 | 9.31 | 9.31 | 9.41 | 9.50 | 9.22 |
| | | | | | | | | | | 0.48 | | | |
| | | | | | | | | | | | | | |
| 0.40 | 0.60 | 0.10 | 0.60 | 0.60 | | | 0.20 | | 0.30 | | | 0.80 | 0.10 |
| 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | | | 0.00 | | 0.10 | | 0.10 | | 0.10 |
| -0.19 | -0.28 | -0.06 | -0.28 | -0.28 | | 0.5.04 | -0.08 | | -0.15 | 0.5.01 | -0.02 | -0.34 | -0.06 |
| <u>96.02</u> | 96.12 | 96.01 | 96.03 | 96.03 | 95.71 | 95.04 | 95.82 | 95.90 | 96.30 | 95.81 | 96.00 | 95.94 | 96.01 |
| 5.806 | 5.789 | 5.877 | 5.863 | 5.834 | 5.829 | 5.826 | 5.870 | 5.847 | 5.847 | 5.865 | 5.843 | 5.909 | 5.868 |
| 2.194 | 2.211 | 2.123 | 2.137 | 2.166 | 2.1/1 | 2.1/4 | 2.130 | 2.153 | 2.153 | 2.135 | 2.157 | 2.091 | 2.132 |
| 0.543 | 0.586 | 0.493 | 0.634 | 0.527 | 0.590 | 0.563 | 0.65/ | 0.640 | 0.640 | 0.627 | 0.571 | 0.570 | 0.632 |
| 0.183 | 0.183 | 0.161 | 0.162 | 0.173 | 0.172 | 0.184 | 0.161 | 0.160 | 0.160 | 0.171 | 0.172 | 0.173 | 0.160 |
| 2 000 | 2 0 2 0 | 1 000 | 2 07 4 | 0 107 | 2.077 | 2 000 | 2 027 | 2 000 | 2 000 | 0.056 | 0 151 | 2 104 | 2 0 4 4 |
| 2.098 | 2.020 | 1.999 | 2.074 | 2.127 | 2.067 | 2.099 | 2.037 | 2.006 | 2.006 | 1.983 | 2.151 | 2.104 | 2.044 |
| 0.036 | 0.036 | 0.036 | 0.036 | 0.049 | 0.024 | 0.049 | 0.036 | 0.036 | 0.036 | 0.024 | 0.024 | 0.024 | 0.024 |
| 2.885 | 2.919 | 3.076 | 2.778 | 2.892 | 2.854 | 2.816 | 2.803 | 2.877 | 2.877 | 2.815 | 2.811 | 2.808 | 2.860 |
| | | | | | | | | | | | | | |
| 1.792 | 1.769 | 1.779 | 1.810 | 1.759 | 1.822 | 1.821 | 1.763 | 1.756 | 1.756 | 1.757 | 1.786 | 1.816 | 1.740 |
| 19.538 | 19.514 | 19.544 | 19.495 | 19.527 | 19.530 | 19.532 | 19.457 | 19.475 | 19.475 | 19.434 | 19.514 | 19.495 | 19.460 |
| 3.786 | 3.692 | 3.928 | 3.691 | 3.691 | 4.000 | 4.000 | 3.906 | 4.000 | 3.835 | 4.000 | 3.975 | 3.621 | 3.928 |
| 0.189 | 0.283 | 0.047 | 0.283 | 0.284 | | | 0.094 | | 0.140 | | | 0.379 | 0.047 |
| 0.025 | 0.025 | 0.025 | 0.025 | 0.025 | | | | | 0.025 | | 0.025 | | 0.025 |
| 0.944 | 0.942 | 1.063 | 1.007 | 0.962 | 0.988 | 0.934 | 1.048 | 1.044 | 1.044 | 1.061 | 1.004 | 1.042 | 1.061 |
| 0.126 | 0.129 | 0.133 | 0.274 | 0.107 | 0.216 | 0.188 | 0.258 | 0.216 | 0.216 | 0.272 | 0.178 | 0.263 | 0.214 |
| 594 | 605 | 545 | 513 | 557 | 557 | 592 | 516 | 524 | 524 | 561 | 544 | 552 | 519 |
| 1.76 | 1.94 | 1.40 | 1.87 | 1.63 | 1.84 | 1.76 | 1.92 | 1.93 | 1.93 | 1.84 | 1.74 | 1.53 | 1.84 |
| 807 | 817 | 789 | 813 | 806 | 821 | 799 | 824 | 815 | 801 | 824 | 785 | 855 | 804 |
| 6.2 | 6.29 | 4.68 | 6.55 | 4.26 | 8.4 | 5.59 | 6.94 | 6.73 | 6.16 | 7.8 | 6.69 | 7.73 | 6.51 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600J |
| С | С | С | С | С | В | С | В | С | В | С | В | С | В |
| 39.65 | 38.78 | 39.07 | 38.98 | 37.92 | 38.08 | 38.76 | 38.95 | 38.44 | 38.82 | 38.02 | 38.43 | 39.03 | 38.71 |
| 1.44 | 1.25 | 1.06 | 1.54 | 1.35 | 1.46 | 1.33 | 1.44 | 1.38 | 1.47 | 1.24 | 1.38 | 1.60 | 1.51 |
| 15.84 | 15.74 | 15.46 | 15.65 | 15.43 | 15.77 | 15.79 | 15.33 | 15.74 | 16.16 | 15.35 | 15.38 | 15.54 | 15.76 |
| 16.51 | 18.53 | 17.57 | 16.13 | 18.42 | 16.73 | 16.60 | 16.80 | 16.76 | 15.69 | 17.91 | 17.43 | 16.31 | 16.72 |
| 0.19 | 0.38 | 0.19 | 0.19 | 0.33 | 0.41 | 0.34 | 0.22 | 0.37 | 0.33 | 0.41 | 0.24 | 0.49 | 0.31 |
| 12.96 | 12.10 | 12.96 | 12.77 | 13.02 | 13.43 | 13.01 | 13.22 | 13.32 | 13.45 | 13.05 | 12.91 | 12.85 | 12.88 |
| | | | | 0.11 | 0.11 | 0.04 | 0.07 | 0.08 | 0.07 | 0.03 | 0.12 | 0.03 | |
| | | | | 0.37 | 0.12 | 0.16 | 0.16 | 0.37 | 0.41 | 0.28 | 0.29 | 0.18 | 0.28 |
| 9.22 | 8.93 | 9.22 | 9.50 | 8.84 | 9.28 | 9.62 | 9.46 | 9.25 | 9.28 | 9.52 | 9.61 | 9.51 | 9.52 |
| | 0.10 | | 0.19 | 0.14 | 0.20 | 0.25 | 0.23 | 0.20 | 0.19 | 0.15 | 0.17 | 0.32 | 0.25 |
| | | | | 0.01 | | 0.07 | 0.08 | | | | | 0.04 | |
| 0.20 | | 0.40 | 0.60 | | 0.37 | | | | | | | | |
| 0.10 | | 0.10 | | 0.07 | 0.06 | 0.02 | 0.05 | 0.10 | 0.13 | 0.06 | 0.05 | 0.09 | 0.06 |
| -0.11 | | -0.19 | -0.25 | -0.02 | -0.17 | 0.00 | -0.01 | -0.02 | -0.03 | -0.01 | -0.01 | -0.02 | -0.01 |
| 96.11 | 95.81 | 96.02 | 95.54 | 96.01 | 96.03 | 95.99 | 96.00 | 96.02 | 96.00 | 96.02 | 96.01 | 96.00 | 96.00 |
| 5.868 | 5.807 | 5.843 | 5.837 | 5.693 | 5.700 | 5.774 | 5.801 | 5.731 | 5.752 | 5.714 | 5.755 | 5.808 | 5.768 |
| 2.132 | 2.193 | 2.157 | 2.163 | 2.307 | 2.300 | 2.226 | 2.199 | 2.269 | 2.248 | 2.286 | 2.245 | 2.192 | 2.232 |
| 0.632 | 0.585 | 0.568 | 0.599 | 0.423 | 0.482 | 0.547 | 0.493 | 0.497 | 0.574 | 0.433 | 0.470 | 0.534 | 0.536 |
| 0.160 | 0.141 | 0.119 | 0.173 | 0.153 | 0.164 | 0.149 | 0.161 | 0.155 | 0.164 | 0.140 | 0.156 | 0.179 | 0.169 |
| | 0.011 | | 0.023 | 0.017 | 0.024 | 0.029 | 0.027 | 0.024 | 0.022 | 0.018 | 0.020 | 0.037 | 0.029 |
| 2.044 | 2.320 | 2.197 | 2.020 | 2.313 | 2.094 | 2.068 | 2.093 | 2.090 | 1.944 | 2.252 | 2.184 | 2.030 | 2.084 |
| 0.024 | 0.049 | 0.024 | 0.024 | 0.042 | 0.052 | 0.042 | 0.028 | 0.047 | 0.041 | 0.053 | 0.030 | 0.062 | 0.039 |
| 2.860 | 2.700 | 2.889 | 2.850 | 2.913 | 2.996 | 2.888 | 2.935 | 2.959 | 2.971 | 2.923 | 2.883 | 2.851 | 2.862 |
| | | | | 0.001 | | 0.008 | 0.009 | | | | | 0.005 | |
| | | | | 0.017 | 0.017 | 0.006 | 0.011 | 0.012 | 0.011 | 0.005 | 0.018 | 0.005 | |
| | | | | 0.109 | 0.033 | 0.047 | 0.047 | 0.108 | 0.119 | 0.081 | 0.084 | 0.053 | 0.080 |
| 1.740 | 1.705 | 1.758 | 1.815 | 1.693 | 1.772 | 1.828 | 1.796 | 1.760 | 1.754 | 1.826 | 1.836 | 1.806 | 1.810 |
| 19.460 | 19.510 | 19.555 | 19.505 | 19.682 | 19.636 | 19.613 | 19.600 | 19.653 | 19.599 | 19.731 | 19.681 | 19.560 | 19.610 |
| 3.881 | 4.000 | 3.785 | 3.716 | 3.982 | 3.810 | 3.995 | 3.987 | 3.975 | 3.967 | 3.985 | 3.987 | 3.977 | 3.985 |
| 0.094 | | 0.189 | 0.284 | | 0.175 | | | | | | | | |
| 0.025 | | 0.025 | | 0.018 | 0.015 | 0.005 | 0.013 | 0.025 | 0.033 | 0.015 | 0.013 | 0.023 | 0.015 |
| 1.061 | 0.931 | 0.977 | 0.963 | 0.789 | 0.814 | 0.923 | 0.953 | 0.870 | 0.928 | 0.806 | 0.872 | 0.966 | 0.914 |
| 0.214 | 0.097 | 0.151 | 0.245 | | 0.040 | 0.212 | 0.166 | 0.129 | 0.217 | 0.073 | 0.181 | 0.220 | 0.200 |
| 519 | 396 | 325 | 566 | 465 | 539 | 477 | 523 | 502 | 554 | 420 | 487 | 587 | 545 |
| 1.84 | 1.89 | 1.73 | 1.84 | 1.74 | 1.90 | 1.87 | 1.63 | 1.85 | 2.02 | 1.71 | 1.70 | 1.73 | 1.86 |
| 808 | 793 | 807 | 860 | 760 | 793 | 778 | 777 | 767 | 775 | 766 | 773 | 772 | 769 |
| 6.56 | 5.16 | 6.24 | 8.9 | 4.04 | 4.3 | 5.05 | 5.38 | 4.66 | 5.28 | 3.57 | 5.69 | 3.54 | 5.37 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600J |
| C | В | С | С | В | С | В | С | В | С | В | С | С | В |
| 38.72 | 38.53 | 38.68 | 38.84 | 39.02 | 38.65 | 38.82 | 38.95 | 38.77 | 39.09 | 39.49 | 38.03 | 38.62 | 38.76 |
| 1.60 | 1.56 | 1.52 | 1.70 | 1.54 | 1.61 | 1.63 | 1.63 | 1.61 | 1.22 | 1.57 | 1.35 | 1.36 | 1.44 |
| 15.49 | 15.80 | 15.29 | 15.64 | 16.08 | 15.50 | 15.56 | 15.77 | 16.09 | 15.71 | 15.99 | 16.89 | 15.88 | 15.36 |
| 16.59 | 16.45 | 17.05 | 16.27 | 15.87 | 16.51 | 16.58 | 16.17 | 15.82 | 16.00 | 15.80 | 16.13 | 16.48 | 16.69 |
| 0.30 | 0.33 | 0.35 | 0.24 | 0.31 | 0.39 | 0.23 | 0.35 | 0.35 | 0.35 | 0.37 | 0.24 | 0.37 | 0.26 |
| 12.81 | 12.97 | 13.03 | 13.23 | 13.26 | 13.06 | 13.03 | 13.03 | 13.19 | 13.56 | 12.25 | 12.98 | 13.17 | 13.21 |
| 0.04 | 0.05 | 0.03 | 0.07 | | | 0.06 | 0.03 | 0.15 | 0.03 | 0.16 | 0.08 | 0.12 | 0.05 |
| 0.17 | 0.26 | | 0.14 | 0.28 | 0.23 | 0.02 | 0.13 | 0.23 | 0.04 | 0.50 | 0.48 | 0.09 | 0.13 |
| 9.76 | 9.53 | 9.59 | 9.57 | 9.47 | 9.76 | 9.71 | 9.65 | 9.53 | 9.67 | 9.32 | 9.43 | 9.80 | 9.46 |
| 0.20 | 0.16 | 0.11 | 0.15 | 0.10 | 0.16 | 0.19 | 0.12 | 0.16 | 0.18 | 0.08 | 0.05 | 0.05 | 0.12 |
| 0.16 | 0.03 | 0111 | 0.120 | 0.02 | 0110 | 0119 | 0.08 | 0110 | 0110 | 0.10 | 0.00 | 0.00 | 0.112 |
| 0.07 | 0.25 | 0.03 | 0.09 | | | 0.11 | | | 0.17 | 0.22 | 0.31 | | 0.46 |
| 0.09 | 0.09 | 0.12 | 0.05 | 0.08 | 0.11 | 0.05 | 0.11 | 0.08 | 0.01 | 0.14 | 0.06 | 0.05 | 0.08 |
| -0.05 | -0.13 | -0.04 | -0.05 | -0.02 | -0.02 | -0.06 | -0.02 | -0.02 | -0.07 | -0.12 | -0.14 | -0.01 | -0.21 |
| 96.01 | 96.01 | 95.79 | 96.00 | 96.01 | 95.99 | 95.99 | 96.01 | 95.99 | 96.02 | 96.00 | 96.01 | 96.00 | 96.02 |
| 5.784 | 5.755 | 5.792 | 5.777 | 5.781 | 5.769 | 5.787 | 5.790 | 5.753 | 5.806 | 5.863 | 5.668 | 5.755 | 5.799 |
| 2.216 | 2.245 | 2.208 | 2.223 | 2.219 | 2.231 | 2.213 | 2.210 | 2.247 | 2.194 | 2.137 | 2.332 | 2.245 | 2.201 |
| 0.512 | 0.536 | 0.491 | 0.518 | 0.588 | 0.497 | 0.521 | 0.553 | 0.567 | 0.556 | 0.661 | 0.635 | 0.544 | 0.507 |
| 0.180 | 0.175 | 0.171 | 0.190 | 0.171 | 0.181 | 0.183 | 0.182 | 0.180 | 0.136 | 0.176 | 0.152 | 0.153 | 0.162 |
| 0.024 | 0.019 | 0.013 | 0.018 | 0.011 | 0.019 | 0.023 | 0.015 | 0.019 | 0.021 | 0.009 | 0.006 | 0.006 | 0.014 |
| 2.073 | 2.055 | 2.135 | 2.024 | 1.966 | 2.061 | 2.067 | 2.010 | 1.963 | 1.988 | 1.962 | 2.010 | 2.054 | 2.088 |
| 0.038 | 0.041 | 0.044 | 0.030 | 0.039 | 0.050 | 0.029 | 0.044 | 0.043 | 0.043 | 0.047 | 0.030 | 0.047 | 0.033 |
| 2.852 | 2.887 | 2.908 | 2.933 | 2.927 | 2.905 | 2.895 | 2.887 | 2.918 | 3.001 | 2.711 | 2.884 | 2.926 | 2.946 |
| 0.020 | 0.003 | | | 0.002 | | | 0.009 | | | 0.011 | | | |
| 0.006 | 0.008 | 0.005 | 0.011 | | | 0.009 | 0.005 | 0.024 | 0.005 | 0.026 | 0.012 | 0.020 | 0.008 |
| 0.050 | 0.075 | | 0.042 | 0.080 | 0.067 | 0.006 | 0.039 | 0.066 | 0.011 | 0.144 | 0.139 | 0.025 | 0.039 |
| 1.860 | 1.816 | 1.832 | 1.816 | 1.788 | 1.859 | 1.845 | 1.829 | 1.804 | 1.831 | 1.765 | 1.792 | 1.863 | 1.804 |
| 19.615 | 19.616 | 19.597 | 19.582 | 19.573 | 19.639 | 19.577 | 19.573 | 19.585 | 19.593 | 19.512 | 19.660 | 19.638 | 19.600 |
| 3.944 | 3.859 | 3.955 | 3.945 | 3.980 | 3.972 | 3.936 | 3.972 | 3.980 | 3.918 | 3.861 | 3.839 | 3.987 | 3.762 |
| 0.033 | 0.118 | 0.014 | 0.042 | | | 0.052 | | | 0.080 | 0.103 | 0.146 | | 0.218 |
| 0.023 | 0.023 | 0.030 | 0.013 | 0.020 | 0.028 | 0.013 | 0.028 | 0.020 | 0.003 | 0.035 | 0.015 | 0.013 | 0.020 |
| 0.918 | 0.887 | 0.913 | 0.934 | 0.960 | 0.906 | 0.933 | 0.951 | 0.921 | 0.974 | 1.039 | 0.801 | 0.900 | 0.927 |
| 0.218 | 0.193 | 0.122 | 0.172 | 0.222 | 0.189 | 0.179 | 0.210 | 0.231 | 0.210 | 0.440 | 0.235 | 0.209 | 0.159 |
| 584 | 571 | 550 | 629 | 574 | 593 | 598 | 603 | 603 | 442 | 571 | 493 | 495 | 527 |
| 1.74 | 1.90 | 1.65 | 1.78 | 1.98 | 1.74 | 1.75 | 1.84 | 2.00 | 1.80 | 1.95 | 2.46 | 1.92 | 1.68 |
| 786 | 795 | 780 | 789 | 776 | 772 | 806 | 777 | 781 | 805 | 787 | 798 | 786 | 803 |
| 5.24 | 5.62 | 4.76 | 6.11 | 5.16 | 3.91 | 6.65 | 4.62 | 4.82 | 5.51 | 5.35 | 6.36 | 5.2 | 5.51 |

| ME | ME | ME | ME | ME | ME | ME |
|----------|----------|----------|----------|----------|----------|----------|----------------|----------|----------|----------|----------|----------|----------|
| SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J |
| С | С | В | С | В | С | В | С | В | С | В | С | В | С |
| 38.72 | 38.93 | 39.16 | 38.58 | 38.71 | 39.15 | 39.09 | 39.26 | 40.14 | 38.78 | 38.65 | 38.76 | 36.99 | 38.86 |
| 1.23 | 1.37 | 1.16 | 1.24 | 1.31 | 0.98 | 0.99 | 1.11 | 1.12 | 1.33 | 1.26 | 1.45 | 1.39 | 1.32 |
| 15.51 | 15.14 | 15.47 | 15.49 | 15.60 | 15.57 | 14.69 | 15.89 | 15.76 | 15.48 | 15.31 | 15.75 | 15.84 | 16.24 |
| 16.92 | 15.89 | 16.27 | 17.05 | 16.79 | 15.11 | 16.00 | 15.63 | 15.13 | 16.68 | 17.02 | 16.27 | 17.82 | 16.02 |
| 0.38 | 0.33 | 0.38 | 0.26 | 0.40 | 0.32 | 0.41 | 0.41 | 0.24 | 0.26 | 0.36 | 0.25 | 0.47 | 0.27 |
| 13.05 | 13.67 | 13.58 | 12.98 | 12.79 | 13.78 | 13.69 | 13.51 | 13.20 | 13.11 | 13.07 | 13.33 | 12.36 | 13.18 |
| 0.03 | 0.34 | | | 0.04 | 0.78 | 0.17 | 0.03 | 0.02 | 0.02 | 0.03 | 0.15 | 0.04 | |
| | 0.12 | 0.26 | 0.42 | 0.22 | 0.33 | 0.40 | 0.16 | 0.60 | 0.18 | 0.27 | 0.21 | 0.68 | 0.32 |
| 9.99 | 9.67 | 9.56 | 9.69 | 9.89 | 9.43 | 9.72 | 9.69 | 9.53 | 9.72 | 9.73 | 9.65 | 9.72 | 9.50 |
| 0.08 | 0.21 | | 0.10 | 0.12 | 0.17 | 0.14 | 0.22 | 0.14 | 0.18 | 0.23 | 0.10 | 0.33 | 0.12 |
| 0.01 | 0.13 | 0.11 | 0.05 | 0.06 | | 0.05 | 0.07 | | 0.19 | 0.03 | | | 0.05 |
| | 0.13 | | | | 0.29 | 0.52 | | | | | | 0.15 | |
| 0.08 | 0.01 | 0.05 | 0.15 | 0.09 | 0.14 | 0.15 | 0.02 | 0.11 | 0.06 | 0.05 | 0.07 | 0.24 | 0.14 |
| -0.02 | -0.06 | -0.01 | -0.03 | -0.02 | -0.15 | -0.25 | 0.00 | -0.02 | -0.01 | -0.01 | -0.02 | -0.12 | -0.03 |
| 95.99 | 95.93 | 96.00 | 96.01 | 96.01 | 96.04 | 96.03 | 96.00 | 95.99 | 96.00 | 96.01 | 96.00 | 96.03 | 96.02 |
| 5.789 | 5.801 | 5.820 | 5.775 | 5.787 | 5.815 | 5.860 | 5.816 | 5.918 | 5.788 | 5.781 | 5.766 | 5.609 | 5.767 |
| 2.211 | 2.199 | 2.180 | 2.225 | 2.213 | 2.185 | 2.140 | 2.184 | 2.082 | 2.212 | 2.219 | 2.234 | 2.391 | 2.233 |
| 0.523 | 0.461 | 0.529 | 0.508 | 0.535 | 0.541 | 0.455 | 0.589 | 0.657 | 0.510 | 0.481 | 0.528 | 0.440 | 0.609 |
| 0.138 | 0.154 | 0.130 | 0.139 | 0.147 | 0.109 | 0.111 | 0.124 | 0.125 | 0.150 | 0.141 | 0.162 | 0.159 | 0.147 |
| 0.009 | 0.025 | | 0.011 | 0.015 | 0.020 | 0.017 | 0.026 | 0.017 | 0.022 | 0.027 | 0.011 | 0.039 | 0.014 |
| 2.115 | 1.980 | 2.023 | 2.134 | 2.099 | 1.877 | 2.006 | 1.936 | 1.866 | 2.081 | 2.129 | 2.024 | 2.260 | 1.989 |
| 0.049 | 0.041 | 0.048 | 0.033 | 0.051 | 0.040 | 0.052 | 0.052 | 0.030 | 0.033 | 0.046 | 0.031 | 0.060 | 0.034 |
| 2.908 | 3.037 | 3.010 | 2.896 | 2.850 | 3.050 | 3.059 | 2.982 | 2.901 | 2.917 | 2.913 | 2.957 | 2.793 | 2.916 |
| 0.001 | 0.016 | 0.013 | 0.006 | 0.007 | | 0.006 | 0.008 | | 0.023 | 0.003 | | | 0.006 |
| 0.005 | 0.054 | | | 0.006 | 0.124 | 0.028 | 0.005 | 0.003 | 0.003 | 0.005 | 0.024 | 0.006 | |
| | 0.033 | 0.075 | 0.123 | 0.064 | 0.094 | 0.117 | 0.047 | 0.170 | 0.053 | 0.078 | 0.061 | 0.200 | 0.091 |
| 1.906 | 1.838 | 1.813 | 1.849 | 1.886 | 1.786 | 1.858 | 1.830 | 1.793 | 1.851 | 1.857 | 1.831 | 1.881 | 1.799 |
| 19.654 | 19.638 | 19.639 | 19.699 | 19.660 | 19.642 | 19.710 | <u> 19.599</u> | 19.561 | 19.643 | 19.682 | 19.631 | 19.838 | 19.604 |
| 3.980 | 3.936 | 3.987 | 3.962 | 3.977 | 3.829 | 3.715 | 3.995 | 3.973 | 3.985 | 3.987 | 3.982 | 3.866 | 3.965 |
| | 0.061 | | | | 0.136 | 0.247 | | | | | | 0.072 | |
| 0.020 | 0.003 | 0.013 | 0.038 | 0.023 | 0.035 | 0.038 | 0.005 | 0.027 | 0.015 | 0.013 | 0.018 | 0.062 | 0.035 |
| 0.918 | 0.950 | 0.986 | 0.897 | 0.917 | 0.983 | 0.983 | 1.000 | 1.137 | 0.928 | 0.908 | 0.922 | 0.639 | 0.935 |
| 0.211 | 0.237 | 0.212 | 0.238 | 0.267 | 0.448 | 0.323 | 0.283 | 0.498 | 0.206 | 0.209 | 0.220 | 0.162 | 0.250 |
| 426 | 519 | 409 | 428 | 459 | 331 | 325 | 392 | 396 | 479 | 439 | 537 | 483 | 479 |
| 1.75 | 1.53 | 1.68 | 1.75 | 1.80 | 1.73 | 1.33 | 1.87 | 1.77 | 1.72 | 1.65 | 1.84 | 2.05 | 2.08 |
| 801 | 796 | 767 | 769 | 785 | 783 | 782 | 782 | 769 | 776 | 772 | 775 | 780 | 779 |
| 6.66 | 5.75 | 3.6 | 5.57 | 5.38 | 5.62 | 3.33 | 3.89 | 6.17 | 5.08 | 3.92 | 5.83 | 4.75 | 5.95 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600J |
| В | С | В | В | С | В | С | В | С | В | С | В | С | В |
| 38.62 | 38.98 | 39.29 | 38.87 | 39.03 | 39.15 | 38.99 | 39.37 | 39.37 | 39.21 | 38.49 | 39.08 | 38.63 | 38.90 |
| 1.36 | 1.15 | 1.15 | 1.26 | 1.25 | 1.19 | 1.32 | 1.14 | 1.18 | 1.21 | 1.32 | 1.38 | 1.16 | 1.07 |
| 15.51 | 15.64 | 16.03 | 15.18 | 15.27 | 15.34 | 15.71 | 15.66 | 15.41 | 15.32 | 15.79 | 15.74 | 15.71 | 15.78 |
| 15.58 | 16.64 | 15.54 | 16.41 | 16.27 | 15.99 | 15.96 | 15.60 | 15.90 | 16.21 | 16.82 | 16.23 | 16.58 | 16.24 |
| 0.36 | 0.37 | 0.37 | 0.36 | 0.34 | 0.24 | 0.37 | 0.30 | 0.40 | 0.30 | 0.33 | 0.19 | 0.36 | 0.36 |
| 13.58 | 13.15 | 13.51 | 13.36 | 13.55 | 13.86 | 13.48 | 14.24 | 13.78 | 13.77 | 12.91 | 13.32 | 13.24 | 13.75 |
| 0.37 | 0.01 | | 0.08 | | | 0.05 | 0.02 | 0.18 | 0.08 | 0.10 | 0.03 | 0.10 | 0.02 |
| 0.89 | 0.12 | 0.36 | 0.16 | 0.40 | 0.20 | 0.16 | 0.08 | 0.05 | | 0.38 | 0.15 | 0.35 | 0.32 |
| 9.50 | 9.69 | 9.61 | 9.87 | 9.72 | 9.83 | 9.70 | 9.43 | 9.61 | 9.51 | 9.60 | 9.51 | 9.75 | 9.35 |
| | | | | | | | | | | | | | |
| 0.05 | 0.06 | 0.12 | 0.33 | 0.08 | | 0.11 | 0.11 | 0.11 | 0.25 | 0.18 | 0.16 | 0.04 | 0.15 |
| 0.03 | 0.07 | | 0.09 | | | 0.11 | | 0.01 | | | 0.09 | 0.06 | 0.04 |
| | | | | | 0.08 | | 0.02 | | | | | | |
| 0.15 | 0.12 | 0.02 | 0.03 | 0.08 | 0.12 | 0.06 | 0.04 | 0.02 | 0.15 | 0.09 | 0.11 | 0.04 | 0.03 |
| -0.03 | -0.03 | 0.00 | -0.01 | -0.02 | -0.06 | -0.01 | -0.02 | 0.00 | -0.03 | -0.02 | -0.02 | -0.01 | -0.01 |
| 96.02 | 96.00 | 96.00 | 95.99 | 95.99 | 96.01 | 95.99 | 95.99 | 96.01 | 96.01 | 96.00 | 96.01 | 96.00 | 96.01 |
| 5.752 | 5.809 | 5.812 | 5.801 | 5.813 | 5.823 | 5.792 | 5.817 | 5.835 | 5.824 | 5.749 | 5.802 | 5.765 | 5.775 |
| 2.248 | 2.191 | 2.188 | 2.199 | 2.187 | 2.177 | 2.208 | 2.183 | 2.165 | 2.176 | 2.251 | 2.198 | 2.235 | 2.225 |
| 0.476 | 0.557 | 0.608 | 0.471 | 0.495 | 0.512 | 0.543 | 0.544 | 0.527 | 0.507 | 0.530 | 0.557 | 0.527 | 0.536 |
| 0.153 | 0.129 | 0.128 | 0.141 | 0.140 | 0.133 | 0.147 | 0.127 | 0.132 | 0.135 | 0.148 | 0.154 | 0.130 | 0.119 |
| 0.006 | 0.007 | 0.013 | 0.039 | 0.009 | | 0.012 | 0.012 | 0.012 | 0.029 | 0.022 | 0.019 | 0.005 | 0.018 |
| 1.941 | 2.074 | 1.923 | 2.048 | 2.027 | 1.989 | 1.983 | 1.928 | 1.971 | 2.014 | 2.101 | 2.016 | 2.069 | 2.017 |
| 0.045 | 0.047 | 0.047 | 0.046 | 0.042 | 0.030 | 0.047 | 0.037 | 0.051 | 0.037 | 0.041 | 0.024 | 0.045 | 0.046 |
| 3.016 | 2.922 | 2.978 | 2.973 | 3.007 | 3.073 | 2.985 | 3.136 | 3.044 | 3.048 | 2.875 | 2.949 | 2.945 | 3.042 |
| 0.003 | 0.008 | | 0.010 | | | 0.013 | 0.000 | 0.001 | 0.010 | 0.01.5 | 0.010 | 0.007 | 0.005 |
| 0.060 | 0.002 | 0.400 | 0.012 | 0.11.6 | 0.050 | 0.008 | 0.003 | 0.029 | 0.012 | 0.015 | 0.005 | 0.015 | 0.003 |
| 0.258 | 0.036 | 0.102 | 0.047 | 0.116 | 0.058 | 0.047 | 0.022 | 0.014 | 1 000 | 0.111 | 0.044 | 0.100 | 0.091 |
| 1.806 | 1.842 | 1.813 | 1.879 | 1.847 | 1.865 | 1.837 | 1./// | 1.817 | 1.803 | 1.829 | 1.801 | 1.857 | 1.//1 |
| 19.762 | 19.623 | 19.613 | 19.666 | 19.684 | 19.661 | 19.622 | 19.586 | 19.596 | 19.586 | 19.672 | 19.580 | 19.700 | 19.647 |
| 3.962 | 3.970 | 3.995 | 3.992 | 3.980 | 3.932 | 3.985 | 3.981 | 3.995 | 3.962 | 3.977 | 3.972 | 3.990 | 3.992 |
| | | | | | 0.038 | | 0.009 | | | | | | |
| 0.038 | 0.030 | 0.005 | 0.008 | 0.020 | 0.030 | 0.015 | 0.010 | 0.005 | 0.038 | 0.023 | 0.028 | 0.010 | 0.008 |
| 0.899 | 0.958 | 1.003 | 0.942 | 0.967 | 0.985 | 0.957 | 1.014 | 1.017 | 0.993 | 0.879 | 0.972 | 0.902 | 0.942 |
| 0.371 | 0.227 | 0.311 | 0.234 | 0.251 | 0.230 | 0.221 | 0.159 | 0.235 | 0.167 | 0.242 | 0.208 | 0.253 | 0.176 |
| 518 | 392 | 412 | 453 | 453 | 434 | 486 | 420 | 428 | 438 | 465 | 508 | 400 | 361 |
| 1.72 | 1.79 | 1.94 | 1.56 | 1.59 | 1.62 | 1.80 | 1.73 | 1.63 | 1.60 | 1.90 | 1.82 | 1.84 | 1.84 |
| 768 | 770 | 779 | 783 | 766 | 786 | 776 | 786 | 784 | 782 | 775 | 780 | 775 | 772 |
| 5.38 | 4.23 | 4.68 | 4.99 | 3.97 | 5.5 | 4.04 | 5.14 | 4.46 | 5.08 | 5.41 | 6.58 | 4.78 | 4.43 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600J |
| C | В | С | В | С | В | С | В | С | В | С | В | С | В |
| 38.33 | 38.62 | 38.22 | 38.04 | 39.04 | 39.10 | 38.93 | 39.18 | 38.74 | 38.72 | 38.87 | 39.10 | 39.00 | 38.79 |
| 1.11 | 0.85 | 1.44 | 1.32 | 1.31 | 1.38 | 1.27 | 1.27 | 1.32 | 1.26 | 1.15 | 1.30 | 1.58 | 1.50 |
| 15.50 | 15.16 | 15.33 | 15.89 | 15.53 | 15.72 | 15.81 | 15.97 | 15.40 | 15.57 | 15.72 | 16.01 | 15.51 | 15.19 |
| 16.91 | 16.96 | 17.00 | 16.84 | 15.91 | 16.13 | 15.74 | 15.21 | 16.34 | 16.52 | 16.14 | 15.89 | 16.34 | 17.32 |
| 0.42 | 0.36 | 0.34 | 0.44 | 0.36 | 0.33 | 0.24 | 0.42 | 0.38 | 0.27 | 0.29 | 0.29 | 0.36 | 0.30 |
| 13.56 | 13.98 | 13.01 | 13.04 | 13.64 | 13.27 | 13.62 | 13.97 | 13.55 | 13.68 | 13.45 | 13.35 | 13.10 | 12.64 |
| 0.07 | 0.13 | 0.16 | 0.07 | 0.10 | 0.07 | 0.11 | | 0.03 | 0.08 | 0.04 | 0.05 | 0.08 | 0.01 |
| 0.31 | 0.16 | 0.23 | 0.50 | 0.14 | 0.22 | 0.29 | 0.18 | 0.40 | 0.32 | 0.18 | 0.18 | 0.26 | 0.32 |
| 9.56 | 9.43 | 9.77 | 9.59 | 9.73 | 9.65 | 9.60 | 9.55 | 9.49 | 9.49 | 9.72 | 9.48 | 9.55 | 9.77 |
| | | | | | | | | | | | | | |
| 0.02 | 0.10 | | 0.04 | 0.03 | 0.06 | | 0.08 | 0.13 | | 0.12 | 0.14 | 0.13 | 0.08 |
| 0.09 | 0.07 | 0.10 | 0.09 | 0.05 | | 0.09 | | 0.09 | 0.01 | 0.06 | | 0.04 | |
| | | 0.29 | 0.06 | 0.08 | | 0.23 | 0.12 | 0.07 | | 0.14 | 0.17 | | |
| 0.13 | 0.17 | 0.14 | 0.10 | 0.10 | 0.07 | 0.08 | 0.07 | 0.07 | 0.10 | 0.16 | 0.06 | 0.03 | 0.09 |
| -0.03 | -0.04 | -0.15 | -0.05 | -0.06 | -0.02 | -0.11 | -0.07 | -0.05 | -0.02 | -0.10 | -0.09 | -0.01 | -0.02 |
| 96.01 | 95.99 | 96.03 | 96.00 | 96.02 | 95.99 | 96.00 | 96.02 | 96.02 | 96.01 | 96.02 | 96.02 | 96.00 | 96.00 |
| 5.736 | 5.775 | 5.747 | 5.699 | 5.805 | 5.807 | 5.787 | 5.794 | 5.775 | 5.765 | 5.792 | 5.799 | 5.800 | 5.809 |
| 2.264 | 2.225 | 2.253 | 2.301 | 2.195 | 2.193 | 2.213 | 2.206 | 2.225 | 2.235 | 2.208 | 2.201 | 2.200 | 2.191 |
| 0.471 | 0.446 | 0.464 | 0.506 | 0.527 | 0.560 | 0.558 | 0.578 | 0.480 | 0.498 | 0.552 | 0.598 | 0.519 | 0.490 |
| 0.125 | 0.096 | 0.163 | 0.148 | 0.146 | 0.154 | 0.142 | 0.141 | 0.149 | 0.141 | 0.129 | 0.145 | 0.177 | 0.169 |
| 0.002 | 0.011 | | 0.005 | 0.003 | 0.007 | | 0.009 | 0.016 | | 0.014 | 0.017 | 0.016 | 0.009 |
| 2.116 | 2.121 | 2.138 | 2.110 | 1.978 | 2.003 | 1.958 | 1.881 | 2.037 | 2.057 | 2.011 | 1.971 | 2.032 | 2.169 |
| 0.054 | 0.045 | 0.043 | 0.056 | 0.045 | 0.041 | 0.030 | 0.053 | 0.048 | 0.034 | 0.036 | 0.036 | 0.046 | 0.038 |
| 3.024 | 3.116 | 2.916 | 2.912 | 3.023 | 2.937 | 3.019 | 3.079 | 3.010 | 3.037 | 2.987 | 2.952 | 2.905 | 2.822 |
| 0.010 | 0.008 | 0.012 | 0.010 | 0.006 | | 0.010 | | 0.010 | 0.001 | 0.007 | | 0.005 | |
| 0.011 | 0.022 | 0.026 | 0.011 | 0.015 | 0.011 | 0.017 | | 0.005 | 0.012 | 0.006 | 0.008 | 0.012 | 0.002 |
| 0.089 | 0.047 | 0.067 | 0.145 | 0.042 | 0.064 | 0.083 | 0.052 | 0.117 | 0.091 | 0.053 | 0.052 | 0.075 | 0.092 |
| 1.825 | 1.798 | 1.8/4 | 1.833 | 1.846 | 1.828 | 1.820 | 1.802 | 1.805 | 1.803 | 1.846 | 1.792 | 1.812 | 1.867 |
| 19.727 | 19.710 | 19.703 | 19.736 | 19.630 | 19.604 | 19.637 | 19.595 | 19.677 | 19.675 | 19.642 | 19.571 | 19.598 | 19.657 |
| 3.967 | 3.957 | 3.826 | 3.946 | 3.937 | 3.982 | 3.872 | 3.926 | 3.949 | 3.975 | 3.894 | 3.905 | 3.992 | 3.977 |
| | | 0.138 | 0.028 | 0.038 | | 0.108 | 0.056 | 0.033 | | 0.066 | 0.080 | | |
| 0.033 | 0.043 | 0.036 | 0.025 | 0.025 | 0.018 | 0.020 | 0.018 | 0.018 | 0.025 | 0.040 | 0.015 | 0.008 | 0.023 |
| 0.855 | 0.903 | 0.840 | 0.807 | 0.967 | 0.975 | 0.948 | 0.984 | 0.919 | 0.915 | 0.941 | 0.974 | 0.961 | 0.932 |
| 0.130 | 0.108 | 0.183 | 0.187 | 0.226 | 0.255 | 0.253 | 0.210 | 0.181 | 0.163 | 0.240 | 0.245 | 0.220 | 0.241 |
| 378 | 227 | 522 | 469 | 486 | 509 | 471 | 484 | 488 | 456 | 406 | 475 | 584 | 531 |
| 1.76 | 1.56 | 1.70 | 1.97 | 1.72 | 1.81 | 1.87 | 1.91 | 1.67 | 1.75 | 1.83 | 1.95 | 1.71 | 1.59 |
| 769 | 767 | 792 | 783 | 782 | 774 | 794 | 787 | 774 | 771 | 782 | 792 | 774 | 771 |
| 3.77 | 3.84 | 4.77 | 4.55 | 4.24 | 4.74 | 6.19 | 3.74 | 4.17 | 5.51 | 5.76 | 5.37 | 4.15 | 4.88 |

| ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME |
|----------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|------------|-------------------------------|-------------------------------|-------------------------------|
| SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J | SOS-600J |
| С | В | С | В | С | В | С | В | С | В | С | В | С | В |
| 38.65 | 38.37 | 38.78 | 38.78 | 39.18 | 38.67 | 39.01 | 39.08 | 38.95 | 40.13 | 39.22 | 38.88 | 39.40 | 39.00 |
| 1.55 | 1.53 | 1.21 | 1.26 | 1.27 | 1.32 | 1.24 | 1.02 | 1.12 | 0.80 | 1.08 | 1.15 | 1.19 | 1.18 |
| 15.43 | 14.74 | 15.24 | 15.96 | 15.74 | 15.77 | 15.58 | 15.71 | 15.50 | 16.09 | 14.98 | 16.07 | 15.79 | 15.74 |
| 16.90 | 17.42 | 16.61 | 15.76 | 15.87 | 16.27 | 15.75 | 15.57 | 16.00 | 14.23 | 15.59 | 15.24 | 15.83 | 15.42 |
| 0.30 | 0.32 | 0.30 | 0.17 | 0.23 | 0.37 | 0.42 | 0.38 | 0.33 | 0.25 | 0.37 | 0.31 | 0.26 | 0.36 |
| 12.85 | 13.07 | 13.48 | 13.64 | 13.64 | 13.46 | 13.54 | 13.80 | 14.21 | 14.84 | 14.29 | 13.88 | 13.53 | 13.99 |
| 0.07 | 0.10 | 0.01 | 0.14 | 0.12 | 0.08 | 0.12 | 0.21 | 0.02 | 0.11 | 0.11 | 0.18 | 0.19 | 0.26 |
| 0.06 | 0.20 | 0.37 | 0.44 | 0.28 | 0.11 | 0.24 | 0.29 | | 0.13 | | 0.14 | 0.03 | 0.25 |
| 9.72 | 9.92 | 9.79 | 9.76 | 9.60 | 9.76 | 9.70 | 9.34 | 9.65 | 9.28 | 9.70 | 9.72 | 9.72 | 9.46 |
| 0.23 | 0.16 | 0.16 | | | 0.10 | 0.05 | 0.14 | 0.05 | 0.07 | 0.09 | 0.10 | | 0.11 |
| 0.09 | 0.10 | 0.10 | | | 0.10 | 0.05 | 0.07 | 0.05 | 0.07 | 0.07 | 0.10 | | 0.11 |
| 0.11 | | | | | | 0.20 | 0.37 | 0.13 | | 0.53 | 0.20 | | 0.19 |
| 0.08 | 0.17 | 0.03 | 0.07 | 0.07 | 0.10 | 0.11 | 0.02 | 0.07 | 0.07 | 0.09 | 0.03 | 0.06 | 0.06 |
| -0.06 | -0.04 | -0.01 | -0.02 | -0.02 | -0.02 | -0.11 | -0.16 | -0.07 | -0.02 | -0.24 | -0.09 | -0.01 | -0.09 |
| 96.02 | 95.99 | 95 99 | 95 99 | 95 99 | 96.00 | 96.02 | 96.01 | 96.03 | 95 99 | 96.03 | 95.90 | 95 99 | 96.00 |
| 5.780 | 5.773 | 5.789 | 5.760 | 5.807 | 5.759 | 5.807 | 5.806 | 5.787 | 5.871 | 5.846 | 5.770 | 5.834 | 5.784 |
| 2.220 | 2.227 | 2.211 | 2.240 | 2.193 | 2.241 | 2.193 | 2.194 | 2.213 | 2.129 | 2.154 | 2.230 | 2.166 | 2.216 |
| 0.499 | 0.386 | 0.471 | 0.552 | 0.558 | 0.528 | 0.541 | 0.557 | 0.502 | 0.645 | 0.477 | 0.580 | 0.591 | 0.536 |
| 0.174 | 0.173 | 0.136 | 0.140 | 0.141 | 0.147 | 0.139 | 0.114 | 0.126 | 0.088 | 0.121 | 0.129 | 0.133 | 0.132 |
| 0.027 | 0.019 | 0.019 | | | 0.011 | 0.006 | 0.017 | 0.006 | 0.008 | 0.010 | 0.011 | | 0.012 |
| 2.113 | 2.192 | 2.073 | 1.958 | 1.967 | 2.027 | 1.961 | 1.935 | 1.989 | 1.741 | 1.944 | 1.892 | 1.961 | 1.913 |
| 0.038 | 0.040 | 0.038 | 0.022 | 0.029 | 0.047 | 0.053 | 0.048 | 0.041 | 0.031 | 0.047 | 0.039 | 0.033 | 0.045 |
| 2.866 | 2.930 | 2.999 | 3.020 | 3.014 | 2.988 | 3.003 | 3.057 | 3.147 | 3.237 | 3.176 | 3.071 | 2.986 | 3.093 |
| 0.010 | | | | | | 0.008 | 0.008 | | | | | | |
| 0.011 | 0.015 | 0.002 | 0.023 | 0.018 | 0.012 | 0.018 | 0.034 | 0.003 | 0.017 | 0.017 | 0.029 | 0.030 | 0.041 |
| 0.017 | 0.059 | 0.108 | 0.127 | 0.080 | 0.030 | 0.069 | 0.083 | | 0.038 | | 0.041 | 0.008 | 0.072 |
| 1.853 | 1.903 | 1.864 | 1.849 | 1.815 | 1.855 | 1.841 | 1.770 | 1.828 | 1.732 | 1.844 | 1.839 | 1.835 | 1.789 |
| 19 608 | 19 719 | 19 711 | 19 692 | 19 623 | 19.646 | 19.640 | 19 623 | 19 6/11 | 19 536 | 19 635 | 19 631 | 19 576 | 19 632 |
| 3 928 | 3 957 | 3 992 | 3 982 | 3 982 | 3 975 | 3 878 | 3 821 | 3 921 | 3 983 | 3 7 27 | 3 800 | 3 985 | 3 896 |
| 0.052 | 5.751 | 5.772 | 5.762 | 5.762 | 5.715 | 0.094 | 0.174 | 0.061 | 5.765 | 0.250 | 0.09/ | 5.765 | 0.089 |
| 0.032 | 0.043 | 0.008 | 0.018 | 0.018 | 0.025 | 0.024 | 0.174 | 0.001 | 0.017 | 0.230 | 0.004 | 0.015 | 0.005 |
| 0.020 | 0.045 | 0.008 | 0.010 | 0.010 | 0.023 | 0.020 | 0.003 | 0.010 | 1 126 | 0.025 | 0.000 | 1 021 | 0.015 |
| 0.177 | 0.000 | 0.728 | 0.725 | 0.265 | 0.186 | 0.269 | 0.268 | 0.116 | 0.202 | 0.197 | 0.267 | 0.204 | 0.246 |
| 550 | 552 | <u></u> <u></u> <u></u> | 466 | <u> </u> | 482 | 456 | 3/7 | 406 | 238 | 301 | <u></u> <u></u> <u></u> | <u></u> <u></u> <u></u> | <u></u> <u></u> <u></u> |
| 1 71 | 1 30 | 1.60 | 1 93 | 1 80 | 1 86 | 1 75 | 1 80 | 1 70 | 1 88 | 1 11 | 1 90 | 1 82 | 1 81 |
| 706 | 778 | 776 | 701 | 778 | 7.80 | 786 | 785 | 706 | 70/ | 202 802 | 708 | 706 | 785 |
| 5.41 | 4.98 | 5.03 | 6.6 | 5.77 | 4.73 | , 80 | 4.61 | 5.12 | 5.82 | 4.41 | 5.37 | 6.13 | 4.55 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600J |
| С | В | С | В | С | В | | С | Ι | Ι | Ι | Ι | Ι | Ι |
| 38.69 | 39.41 | 39.00 | 39.52 | 38.86 | 39.14 | 38.86 | 39.41 | 39.11 | 39.02 | 39.36 | 39.59 | 39.20 | 38.92 |
| 1.17 | 1.26 | 1.15 | 1.09 | 1.27 | 1.13 | 1.29 | 1.25 | 1.49 | 1.47 | 1.43 | 1.39 | 1.45 | 1.37 |
| 15.73 | 13.82 | 15.81 | 15.06 | 16.01 | 15.80 | 15.28 | 15.67 | 15.20 | 15.72 | 15.71 | 15.51 | 15.84 | 15.69 |
| 16.20 | 16.52 | 15.75 | 16.03 | 15.68 | 15.37 | 16.39 | 15.61 | 15.80 | 15.87 | 15.66 | 15.57 | 15.79 | 15.88 |
| 0.36 | 0.40 | 0.36 | 0.24 | 0.36 | 0.36 | 0.36 | 0.30 | 0.39 | 0.33 | 0.27 | 0.33 | 0.24 | 0.31 |
| 13.55 | 12.73 | 13.65 | 14.04 | 13.78 | 14.06 | 13.52 | 13.57 | 13.47 | 13.56 | 13.43 | 13.43 | 13.32 | 13.27 |
| | 0.33 | 0.05 | 0.02 | 0.03 | 0.10 | 0.13 | 0.02 | 0.30 | 0.12 | 0.09 | | 0.11 | 0.14 |
| 0.29 | 0.95 | 0.18 | 0.10 | 0.11 | 0.40 | 0.39 | 0.12 | 0.26 | 0.13 | 0.26 | 0.13 | 0.26 | 0.30 |
| 9.72 | 10.01 | 9.86 | 9.58 | 9.66 | 9.40 | 9.44 | 9.53 | 9.46 | 9.53 | 9.53 | 9.58 | 9.34 | 9.62 |
| | | | | | | | 0.17 | 0.24 | 0.07 | 0.10 | 0.15 | 0.13 | 0.03 |
| 0.22 | 0.35 | 0.12 | 0.06 | 0.05 | 0.15 | 0.12 | 0.14 | 0.12 | 0.12 | 0.16 | 0.18 | 0.15 | 0.26 |
| | | 0.04 | | | 0.02 | 0.17 | | | | | 0.02 | 0.09 | 0.10 |
| | 0.15 | | 0.18 | 0.18 | | | 0.07 | | | | | | |
| 0.06 | 0.08 | 0.02 | 0.10 | 0.04 | 0.08 | 0.06 | 0.14 | 0.16 | 0.06 | | | 0.09 | 0.13 |
| -0.01 | -0.08 | 0.00 | -0.10 | -0.08 | -0.02 | -0.01 | -0.06 | -0.04 | -0.01 | | | -0.02 | -0.03 |
| 95.99 | 96.01 | 95.99 | 96.02 | 96.01 | 96.01 | 96.00 | 96.01 | 96.00 | 96.00 | 95.99 | 95.89 | 96.00 | 96.01 |
| 5.761 | 5.924 | 5.789 | 5.869 | 5.767 | 5.790 | 5.790 | 5.842 | 5.822 | 5.788 | 5.826 | 5.863 | 5.808 | 5.788 |
| 2.239 | 2.076 | 2.211 | 2.131 | 2.233 | 2.210 | 2.210 | 2.158 | 2.178 | 2.212 | 2.174 | 2.137 | 2.192 | 2.212 |
| 0.522 | 0.373 | 0.555 | 0.506 | 0.569 | 0.545 | 0.474 | 0.580 | 0.488 | 0.536 | 0.566 | 0.571 | 0.575 | 0.538 |
| 0.131 | 0.142 | 0.129 | 0.122 | 0.141 | 0.126 | 0.144 | 0.139 | 0.167 | 0.164 | 0.159 | 0.155 | 0.162 | 0.154 |
| 0.026 | 0.041 | 0.015 | 0.007 | 0.006 | 0.018 | 0.014 | 0.017 | 0.015 | 0.015 | 0.019 | 0.021 | 0.018 | 0.030 |
| 2.018 | 2.077 | 1.956 | 1.991 | 1.946 | 1.901 | 2.042 | 1.935 | 1.967 | 1.969 | 1.938 | 1.929 | 1.957 | 1.975 |
| 0.045 | 0.051 | 0.045 | 0.030 | 0.045 | 0.045 | 0.045 | 0.037 | 0.050 | 0.041 | 0.034 | 0.041 | 0.030 | 0.039 |
| 3.007 | 2.853 | 3.021 | 3.107 | 3.048 | 3.101 | 3.002 | 3.000 | 2.989 | 2.999 | 2.963 | 2.965 | 2.941 | 2.941 |
| | | 0.005 | | | 0.002 | 0.021 | | | | | 0.002 | 0.010 | 0.011 |
| | 0.053 | 0.008 | 0.003 | 0.005 | 0.015 | 0.021 | 0.003 | 0.047 | 0.018 | 0.014 | | 0.017 | 0.023 |
| 0.083 | 0.277 | 0.053 | 0.028 | 0.030 | 0.116 | 0.114 | 0.036 | 0.075 | 0.039 | 0.074 | 0.039 | 0.074 | 0.086 |
| 1.847 | 1.920 | 1.867 | 1.815 | 1.828 | 1.773 | 1.793 | 1.803 | 1.795 | 1.804 | 1.800 | 1.810 | 1.766 | 1.825 |
| | | | | | | | 0.010 | 0.014 | 0.004 | 0.006 | 0.009 | 0.008 | 0.002 |
| 19.679 | 19.787 | 19.652 | 19.608 | 19.617 | 19.642 | 19.670 | 19.560 | 19.606 | 19.588 | 19.573 | 19.541 | 19.558 | 19.624 |
| 3.985 | 3.908 | 3.995 | 3.890 | 3.905 | 3.980 | 3.985 | 3.932 | 3.960 | 3.985 | 4.000 | 4.000 | 3.977 | 3.967 |
| | 0.071 | | 0.085 | 0.084 | | | 0.033 | | | | | | |
| 0.015 | 0.020 | 0.005 | 0.025 | 0.010 | 0.020 | 0.015 | 0.035 | 0.040 | 0.015 | | | 0.023 | 0.033 |
| 0.910 | 1.038 | 0.958 | 1.044 | 0.935 | 0.978 | 0.939 | 1.024 | 0.979 | 0.962 | 1.014 | 1.053 | 0.989 | 0.947 |
| 0.214 | 0.568 | 0.262 | 0.205 | 0.187 | 0.243 | 0.205 | 0.271 | 0.283 | 0.202 | 0.288 | 0.287 | 0.260 | 0.283 |
| 416 | 443 | 414 | 386 | 474 | 417 | 468 | 462 | 563 | 554 | 538 | 524 | 542 | 510 |
| 1.84 | 0.89 | 1.85 | 1.46 | 1.96 | 1.82 | 1.60 | 1.77 | 1.55 | 1.80 | 1.77 | 1.68 | 1.85 | 1.80 |
| 771 | 790 | 789 | 788 | 797 | 774 | 766 | 779 | 766 | 776 | 804 | 793 | 776 | 772 |
| 4.3 | 5.62 | 5.7 | 4.95 | 4.64 | 4.57 | 3.95 | 5.32 | 3.91 | 4.94 | 6.93 | 5.88 | 5.75 | 5.51 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600J | SOS-600M | SOS-600M | SOS-600M | SOS-600M | SOS-600M | SOS-600M |
| I | В | | | | С | С | С | В | С | В | С | В |
| 38.60 | 38.26 | 40.66 | 40.16 | 40.14 | 38.80 | 38.80 | 39.36 | 39.07 | 39.65 | 39.55 | 39.55 | 39.84 |
| 1.30 | 1.25 | 0.67 | 0.62 | 0.67 | 1.92 | 1.47 | 1.44 | 1.34 | 1.44 | 1.44 | 1.34 | 1.44 |
| 16.39 | 17.31 | 14.96 | 15.06 | 15.22 | 15.65 | 15.71 | 15.26 | 15.46 | 15.36 | 15.65 | 15.46 | 15.36 |
| 15.63 | 15.39 | 15.08 | 14.90 | 14.86 | 17.26 | 15.69 | 14.30 | 14.02 | 13.82 | 13.73 | 14.98 | 14.78 |
| 0.39 | 0.43 | 0.29 | 0.29 | 0.16 | 0.39 | 0.29 | 0.19 | 0.29 | 0.19 | 0.29 | 0.29 | 0.38 |
| 13.35 | 12.77 | 14.84 | 14.54 | 14.64 | 12.14 | 13.69 | 14.98 | 15.17 | 15.07 | 14.88 | 14.69 | 14.50 |
| 0.12 | 0.20 | 0.12 | 0.10 | 0.03 | 0.07 | 0.09 | | | | | | |
| 0.29 | 0.43 | 0.06 | 0.39 | 0.15 | 0.17 | 0.06 | | | | | | |
| 9.57 | 9.53 | 8.95 | 9.48 | 9.50 | 9.55 | 9.95 | 9.60 | 9.60 | 9.60 | 9.60 | 9.60 | 9.60 |
| | 0.14 | 0.05 | 0.12 | 0.17 | | | | | | | | |
| 0.19 | 0.17 | 0.27 | 0.23 | 0.37 | 0.05 | 0.01 | 0.29 | 0.10 | 0.19 | 0.29 | | |
| 0.01 | 0.03 | | | | | 0.01 | | | | | | |
| | | | | | | | 0.70 | 1.00 | 0.70 | 0.60 | | |
| 0.15 | 0.08 | | 0.11 | 0.07 | | | 0.10 | 0.10 | | | | |
| -0.03 | -0.02 | | -0.02 | -0.02 | | | -0.32 | -0.44 | -0.29 | -0.25 | | |
| 96.00 | 95.99 | 95.93 | 96.00 | 95.99 | 96.01 | 95.75 | 96.22 | 96.14 | 96.03 | 96.02 | 95.90 | 95.90 |
| 5.731 | 5.677 | 5.964 | 5.924 | 5.913 | 5.791 | 5.773 | 5.820 | 5.796 | 5.848 | 5.828 | 5.831 | 5.866 |
| 2.269 | 2.323 | 2.036 | 2.076 | 2.087 | 2.209 | 2.227 | 2.180 | 2.204 | 2.152 | 2.172 | 2.169 | 2.134 |
| 0.598 | 0.704 | 0.550 | 0.544 | 0.555 | 0.543 | 0.528 | 0.480 | 0.499 | 0.518 | 0.546 | 0.516 | 0.531 |
| 0.145 | 0.139 | 0.074 | 0.069 | 0.074 | 0.215 | 0.164 | 0.160 | 0.150 | 0.160 | 0.160 | 0.149 | 0.159 |
| 0.023 | 0.020 | 0.031 | 0.027 | 0.044 | 0.006 | 0.001 | 0.034 | 0.011 | 0.022 | 0.034 | | |
| 1.940 | 1.910 | 1.850 | 1.838 | 1.831 | 2.154 | 1.952 | 1.769 | 1.739 | 1.705 | 1.692 | 1.846 | 1.820 |
| 0.049 | 0.054 | 0.036 | 0.036 | 0.020 | 0.050 | 0.036 | 0.024 | 0.036 | 0.024 | 0.036 | 0.036 | 0.048 |
| 2.955 | 2.824 | 3.246 | 3.199 | 3.215 | 2.702 | 3.036 | 3.301 | 3.354 | 3.314 | 3.268 | 3.228 | 3.182 |
| 0.001 | 0.003 | | | | | 0.001 | | | | | | |
| 0.020 | 0.032 | 0.018 | 0.015 | 0.005 | 0.011 | 0.014 | | | | | | |
| 0.083 | 0.124 | 0.016 | 0.113 | 0.044 | 0.050 | 0.017 | | | | | | |
| 1.812 | 1.804 | 1.674 | 1.785 | 1.786 | 1.818 | 1.887 | 1.811 | 1.816 | 1.806 | 1.804 | 1.805 | 1.803 |
| | 0.008 | 0.003 | 0.007 | 0.010 | | | | | | | | |
| 19.627 | 19.624 | 19.498 | 19.632 | 19.584 | 19.549 | 19.637 | 19.578 | 19.605 | 19.549 | 19.539 | 19.580 | 19.543 |
| 3.962 | 3.980 | 4.000 | 3.972 | 3.983 | 4.000 | 4.000 | 3.648 | 3.506 | 3.673 | 3.720 | 4.000 | 4.000 |
| | | | | | | | 0.327 | 0.469 | 0.327 | 0.280 | | |
| 0.038 | 0.020 | | 0.028 | 0.017 | | | 0.025 | 0.025 | | | | |
| 0.893 | 0.836 | 1.214 | 1.140 | 1.136 | 0.931 | 0.928 | 1.013 | 0.970 | 1.058 | 1.041 | 1.042 | 1.087 |
| | | | | | | | 0.129 | 0.109 | 0.174 | 0.189 | 0.136 | 0.179 |
| 480 | 450 | 122 | 78 | 124 | 668 | 562 | 598 | 569 | 609 | 606 | 536 | 576 |
| 2.16 | 2.64 | 1.31 | 1.41 | 1.48 | 1.81 | 1.82 | 1.53 | 1.66 | 1.56 | 1.70 | 1.61 | 1.55 |
| 781 | 780 | 795 | 772 | 790 | 801 | 831 | 841 | 824 | 862 | 841 | 809 | 801 |
| 4.88 | 4.7 | 5.13 | 4.12 | 5.58 | 5.42 | 9.04 | 6.92 | 5.97 | 8.36 | 7.23 | 6.71 | 5.48 |

| - | | | | | | | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | ME |
| | SOS-600M |
| | С | В | С | В | С | В | С | С | В | С | В | С | С |
| | 39.74 | 39.94 | 38.88 | 40.03 | 39.46 | 39.26 | 40.03 | 39.94 | 39.17 | 40.03 | 39.65 | 39.74 | 39.47 |
| | 1.44 | 1.34 | 1.54 | 1.34 | 1.34 | 1.44 | 1.34 | 1.34 | 1.63 | 1.54 | 1.34 | 1.44 | 1.64 |
| | 15.46 | 15.07 | 15.07 | 15.46 | 14.98 | 14.88 | 15.17 | 15.17 | 15.17 | 15.36 | 14.69 | 16.32 | 15.74 |
| | 14.69 | 15.55 | 14.78 | 14.21 | 14.78 | 14.59 | 14.78 | 15.07 | 14.78 | 14.69 | 15.55 | 14.78 | 14.13 |
| | 0.29 | 0.21 | 0.29 | 0.29 | 0.19 | 0.19 | 0.19 | 0.19 | 0.29 | 0.29 | 0.29 | 0.19 | 0.14 |
| | 14.78 | 14.30 | 14.78 | 15.07 | 14.78 | 14.98 | 14.59 | 14.50 | 14.21 | 14.11 | 14.98 | 13.34 | 14.30 |
| | | | | | | | | | | | | | 0.13 |
| | | | | | | | | | | | | | 0.11 |
| | 9.50 | 9.60 | 9.41 | 9.50 | 9.60 | 9.70 | 9.89 | 9.70 | 9.70 | 9.60 | 9.50 | 9.89 | 9.49 |
| | | | | | | | | | | | | | 0.02 |
| | | | | | | | | | | | | | 0.02 |
| | | | | | | | | | | | | | 0.78 |
| | | | | | | | | | | | | | 0.06 |
| | | | | | | | | | | | | | -0.34 |
| | 95.90 | 96.02 | 94.75 | 95.90 | 95.14 | 95.04 | 96.00 | 95.90 | 94.94 | 95.62 | 96.00 | 95.71 | 96.04 |
| _ | 5.844 | 5.890 | 5.804 | 5.869 | 5.861 | 5.841 | 5.891 | 5.886 | 5.839 | 5.902 | 5.857 | 5.859 | 5.833 |
| | 2.156 | 2.110 | 2.196 | 2.131 | 2.139 | 2.159 | 2.109 | 2.114 | 2.161 | 2.098 | 2.143 | 2.141 | 2.167 |
| | 0.523 | 0.510 | 0.457 | 0.539 | 0.483 | 0.451 | 0.523 | 0.521 | 0.504 | 0.571 | 0.415 | 0.695 | 0.576 |
| | 0.159 | 0.149 | 0.172 | 0.148 | 0.150 | 0.161 | 0.149 | 0.149 | 0.183 | 0.170 | 0.149 | 0.160 | 0.182 |
| | | | | | | | | | | | | | 0.002 |
| | 1.806 | 1.918 | 1.846 | 1.742 | 1.837 | 1.816 | 1.820 | 1.858 | 1.843 | 1.811 | 1.921 | 1.823 | 1.747 |
| | 0.036 | 0.026 | 0.036 | 0.036 | 0.024 | 0.024 | 0.024 | 0.024 | 0.036 | 0.036 | 0.036 | 0.024 | 0.018 |
| | 3.241 | 3.145 | 3.290 | 3.294 | 3.274 | 3.321 | 3.201 | 3.185 | 3.157 | 3.102 | 3.298 | 2.932 | 3.152 |
| | | | | | | | | | | | | | 0.002 |
| | | | | | | | | | | | | | 0.021 |
| | | | | | | | | | | | | | 0.030 |
| | 1.783 | 1.806 | 1.791 | 1.777 | 1.819 | 1.840 | 1.856 | 1.823 | 1.844 | 1.805 | 1.791 | 1.859 | 1.790 |
| | 19.548 | 19.554 | 19.593 | 19.536 | 19.587 | 19.613 | 19.572 | 19.559 | 19.567 | 19.496 | 19.610 | 19.493 | 19.522 |
| | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 3.620 |
| | | | | | | | | | | | | | 0.365 |
| | | | | | | | | | | | | | 0.015 |
| | 1.070 | 1.104 | 0.944 | 1.113 | 1.034 | 1.004 | 1.118 | 1.104 | 0.990 | 1.120 | 1.059 | 1.073 | 1.030 |
| _ | 0.134 | 0.184 | 0.047 | 0.166 | 0.146 | 0.118 | 0.241 | 0.205 | 0.167 | 0.249 | 0.056 | 0.368 | 0.245 |
| - | 583 | 518 | 629 | 556 | 546 | 596 | 537 | 530 | 653 | 610 | 532 | 554 | 666 |
| | 1.59 | 1.41 | 1.51 | 1.56 | 1.42 | 1.38 | 1.44 | 1.45 | 1.55 | 1.56 | 1.22 | 2.06 | 1.78 |
| | 811 | 813 | 806 | 814 | 821 | 827 | 841 | 822 | 809 | 807 | 802 | 847 | 846 |
| _ | 6.63 | 7.07 | 5.76 | 6.75 | 7.32 | 7.54 | 9.31 | 8.01 | 6.21 | 6.55 | 5.48 | 9.67 | 7.85 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600M |
| В | С | В | С | В | С | В | С | В | С | В | С | В |
| 39.45 | 39.72 | 39.97 | 39.31 | 39.62 | 39.65 | 40.06 | 39.57 | 39.57 | 39.52 | 39.51 | 39.60 | 41.43 |
| 1.55 | 1.58 | 1.33 | 1.44 | 1.63 | 1.44 | 1.43 | 1.51 | 1.51 | 1.38 | 1.44 | 1.51 | 1.28 |
| 15.43 | 15.05 | 15.26 | 15.15 | 15.44 | 15.05 | 15.00 | 15.31 | 15.31 | 15.12 | 15.54 | 15.24 | 15.49 |
| 15.16 | 14.60 | 14.62 | 14.83 | 14.75 | 14.59 | 14.45 | 14.85 | 14.85 | 14.60 | 14.99 | 14.57 | 13.45 |
| 0.24 | 0.23 | 0.24 | 0.25 | 0.29 | 0.22 | 0.30 | 0.28 | 0.28 | 0.26 | 0.27 | 0.25 | 0.10 |
| 14.10 | 14.54 | 14.16 | 14.30 | 14.38 | 14.80 | 14.52 | 14.48 | 14.48 | 14.56 | 13.99 | 14.36 | 13.57 |
| 0.15 | | 0.15 | 0.14 | 0.03 | 0.07 | 0.16 | 0.08 | 0.08 | 0.08 | 0.27 | 0.12 | 0.14 |
| 0.21 | 0.09 | 0.36 | 0.14 | | 0.15 | 0.25 | 0.11 | 0.11 | 0.07 | 0.11 | 0.13 | 1.08 |
| 9.61 | 9.49 | 9.40 | 9.43 | 9.68 | 9.47 | 9.47 | 9.59 | 9.59 | 9.48 | 9.43 | 9.59 | 8.91 |
| 0.03 | 0.01 | 0.04 | 0.10 | 0.15 | 0.07 | 0.02 | | | 0.14 | | 0.20 | 0.25 |
| 0.02 | 0.01 | 0.04 | 0.12 | 0.15 | 0.07 | 0.02 | | | 0.14 | | 0.39 | 0.35 |
| 0.03 | 0.12 | 0.27 | 0.02 | | 0.05 | 0.01 | 0.21 | 0.49 | 0.01 | 0.45 | 0.01 | 0.04 |
| 0.00 | 0.52 | 0.57 | 0.92 | 0.04 | 0.05 | 0.28 | 0.21 | 0.48 | 0.77 | 0.45 | 0.19 | 0.10 |
| 0.06 | 0.00 | 0.11 | 0.02 | 0.04 | 0.01 | 0.00 | 0.04 | 0.07 | 0.04 | 0.04 | 0.03 | 0.07 |
| -0.01 | -0.23 | -0.18 | -0.39 | -0.01 | -0.02 | -0.13 | -0.10 | -0.22 | -0.55 | -0.20 | -0.09 | -0.07 |
| 96.00 | 96.03 | 96.02 | 96.06 | 96.00 | 95.57 | 96.01 | 96.02 | 96.32 | 96.03 | 96.03 | 96.00 | 96.00 |
| 5.827 | 5.874 | 5.901 | 5.845 | 5.835 | 5.859 | 5.904 | 5.842 | 5.842 | 5.860 | 5.847 | 5.844 | 6.034 |
| 2.173 | 2.120 | 2.099 | 2.155 | 2.105 | 2.141 | 2.090 | 2.158 | 2.158 | 2.140 | 2.155 | 2.150 | 1.900 |
| 0.513 | 0.497 | 0.557 | 0.500 | 0.514 | 0.481 | 0.511 | 0.506 | 0.506 | 0.503 | 0.557 | 0.496 | 0.694 |
| 0.172 | 0.176 | 0.148 | 0.161 | 0.181 | 0.160 | 0.159 | 0.167 | 0.167 | 0.154 | 0.160 | 0.16/ | 0.140 |
| 0.002 | 0.001 | 0.004 | 0.014 | 0.018 | 0.008 | 0.002 | 1.024 | 1.024 | 0.017 | 1.054 | 0.046 | 0.040 |
| 1.8/3 | 1.806 | 1.805 | 1.844 | 1.816 | 1.803 | 1.781 | 1.834 | 1.834 | 1.811 | 1.854 | 1.799 | 1.638 |
| 0.030 | 0.029 | 0.030 | 0.031 | 0.036 | 0.028 | 0.037 | 0.035 | 0.035 | 0.033 | 0.034 | 0.031 | 0.012 |
| 3.105 | 3.206 | 3.116 | 3.171 | 3.157 | 3.261 | 3.191 | 3.186 | 3.186 | 3.219 | 3.085 | 3.159 | 2.947 |
| 0.003 | 0.015 | | | | | 0.001 | | | 0.001 | | 0.001 | 0.004 |
| 0.024 | | 0.024 | 0.023 | 0.005 | 0.011 | 0.026 | 0.012 | 0.012 | 0.012 | 0.043 | 0.018 | 0.022 |
| 0.060 | 0.025 | 0.102 | 0.042 | | 0.044 | 0.071 | 0.030 | 0.030 | 0.019 | 0.030 | 0.038 | 0.304 |
| 1.811 | 1.791 | 1.770 | 1.788 | 1.818 | 1.784 | 1.779 | 1.806 | 1.806 | 1.792 | 1.779 | 1.805 | 1.655 |
| 19.593 | 19.545 | 19.556 | 19.574 | 19.545 | 19.580 | 19.558 | 19.577 | 19.577 | 19.561 | 19.543 | 19.562 | 19.456 |
| 3.985 | 3.742 | 3.800 | 3.562 | 3.990 | 3.974 | 3.855 | 3.892 | 3.758 | 3.629 | 3.779 | 3.904 | 3.926 |
| | 0.243 | 0.173 | 0.433 | | 0.023 | 0.131 | 0.098 | 0.224 | 0.361 | 0.211 | 0.089 | 0.074 |
| 0.015 | 0.015 | 0.028 | 0.005 | 0.010 | 0.003 | 0.015 | 0.010 | 0.018 | 0.010 | 0.010 | 0.008 | |
| 1.027 | 1.073 | 1.112 | 1.011 | 1.052 | 1.060 | 1.124 | 1.046 | 1.046 | 1.043 | 1.039 | 1.051 | 1.329 |
| 0.233 | 0.169 | 0.341 | 0.210 | 0.173 | 0.177 | 0.285 | 0.187 | 0.187 | 0.193 | 0.266 | 0.238 | 0.682 |
| 605 | 640 | 529 | 578 | 650 | 589 | 580 | 603 | 603 | 561 | 565 | 606 | 507 |
| 1.61 | 1.42 | 1.52 | 1.51 | 1.59 | 1.41 | 1.37 | 1.54 | 1.54 | 1.48 | 1.68 | 1.51 | 1.53 |
| 782 | 816 | 792 | 827 | 799 | 805 | 794 | 806 | 815 | 831 | 808 | 806 | 797 |
| 4.89 | 4.98 | 4.9 | 5.08 | 5.48 | 5.63 | 4.02 | 4.92 | 4.94 | 5.12 | 5.58 | 5.58 | 6.52 |

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| 0.02 0.02 0.12 0.01 0.04 0.01 0.06 0.06 0.09 0.05 $0.01-0.02$ -0.27 -0.20 -0.18 -0.01 -0.28 -0.30 -0.17 -0.01 -0.12 -0.21 -0.01 -0.19 |
| -0.02 -0.02 -0.02 -0.18 -0.01 -0.28 -0.30 -0.17 -0.01 -0.17 -0.01 -0.17 -0.01 -0.19 |
| |
| <u>96.00</u> <u>96.03</u> <u>96.02</u> <u>96.03</u> <u>96.00</u> <u>96.02</u> <u>96.04</u> <u>96.05</u> <u>96.00</u> <u>96.00</u> <u>96.03</u> <u>95.99</u> <u>96.03</u> |
| 5.852 5.865 5.855 5.835 5.845 5.824 5.871 5.822 5.817 5.850 5.802 5.928 5.853 |
| 2.148 2.135 2.145 2.165 2.155 2.176 2.129 2.178 2.183 2.150 2.198 2.072 2.147 |
| $0.518 \qquad 0.484 \qquad 0.380 \qquad 0.529 \qquad 0.492 \qquad 0.451 \qquad 0.424 \qquad 0.398 \qquad 0.423 \qquad 0.451 \qquad 0.550 \qquad 0.634 \qquad 0.483$ |
| 0.171 	 0.161 	 0.157 	 0.166 	 0.162 	 0.166 	 0.141 	 0.159 	 0.171 	 0.154 	 0.164 	 0.141 	 0.153 |
| 0.026 0.035 0.041 0.040 0.023 0.038 0.046 0.028 0.033 0.046 0.053 0.102 0.042 |
| 1.800 1.780 1.824 1.741 1.809 1.820 1.829 1.772 1.881 1.846 1.805 1.889 1.839 |
| 0.026 0.029 0.023 0.038 0.025 0.036 0.018 0.016 0.034 0.032 0.020 0.044 0.025 |
| 3.143 3.206 3.312 3.179 3.225 3.227 3.320 3.334 3.208 3.217 3.084 2.887 3.162 |
| 0.010 0.002 0.003 0.008 0.015 0.002 0.002 0.003 0.003 |
| 0.032 0.032 0.050 0.023 0.018 0.024 0.008 0.073 0.021 0.015 0.034 0.041 0.023 |
| 0.016 0.036 0.019 0.036 0.017 0.003 0.022 0.025 0.036 |
| 1.793 1.800 1.817 1.833 1.809 1.823 1.789 1.810 1.823 1.816 1.819 1.548 1.825 |
| 19 536 19 565 19 623 19 548 19 563 19 589 19 583 19 640 19 612 19 582 19 555 19 314 19 589 |
| <u>3 976 3 695 3 782 3 801 3 991 3 689 3 664 3 816 3 985 3 869 3 762 3 988 3 787</u> |
| 0.019 0.300 0.188 0.196 0.009 0.301 0.333 0.168 0.131 0.215 0.211 |
| |
| 1073 1056 1034 1040 1066 0.993 1053 1011 1006 1042 0.984 1182 1038 |
| 0.241 0.253 0.190 0.251 0.184 0.165 0.130 0.215 0.139 0.175 0.279 0.284 0.254 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| 155 140 112 163 149 143 120 127 136 135 180 167 144 |
| 813 830 822 833 835 820 850 825 706 822 825 755 820 |
| 679 596 608 65 798 543 699 67 479 684 778 433 65 |
| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600M |
| В | С | В | С | В | С | В | С | В | С | В | С | В |
| 39.77 | 39.72 | 40.15 | 39.29 | 39.21 | 39.69 | 39.00 | 39.29 | 38.85 | 39.37 | 39.46 | 39.40 | 39.56 |
| 1.34 | 1.48 | 1.33 | 1.50 | 1.34 | 1.45 | 1.43 | 1.44 | 1.36 | 1.41 | 1.39 | 1.49 | 1.40 |
| 15.23 | 15.00 | 14.81 | 15.56 | 15.04 | 15.39 | 15.27 | 15.75 | 17.16 | 15.47 | 15.42 | 15.56 | 15.11 |
| 14.45 | 14.48 | 14.27 | 14.56 | 15.13 | 14.44 | 14.69 | 14.75 | 14.76 | 14.21 | 14.43 | 14.25 | 14.63 |
| 0.23 | 0.17 | 0.33 | 0.13 | 0.17 | 0.23 | 0.34 | 0.26 | 0.28 | 0.16 | 0.26 | 0.21 | 0.22 |
| 14.71 | 14.65 | 14.49 | 14.39 | 14.56 | 14.23 | 14.38 | 14.31 | 13.37 | 14.56 | 14.25 | 14.84 | 14.90 |
| 0.12 | 0.09 | 0.29 | 0.09 | 0.16 | 0.08 | 0.32 | 0.12 | 0.30 | 0.14 | 0.18 | 0.10 | 0.01 |
| | | 0.20 | 0.02 | 0.05 | 0.12 | 0.25 | | 0.14 | 0.01 | 0.05 | 0.08 | 0.08 |
| 9.62 | 9.64 | 9.61 | 9.59 | 9.68 | 9.39 | 9.38 | 9.60 | 9.37 | 9.70 | 9.38 | 9.44 | 9.65 |
| 0.26 | 0.46 | 0.51 | 0.35 | 0.25 | 0.38 | 0.47 | 0.27 | 0.39 | 0.43 | 0.39 | 0.37 | 0.20 |
| 0.20 | 0.40 | 0.51 | 0.55 | 0.25 | 0.50 | 0.15 | 0.27 | 0.57 | 0.+5 | 0.03 | 0.57 | 0.20 |
| 0.17 | 0.29 | | 0.50 | 0.1 | 0.60 | 0.15 | 0.01 | | 0.56 | 0.05 | 0.27 | 0.22 |
| 0.09 | 0.03 | 0.02 | 0.04 | 0.21 | 0.00 | 0.02 | 0.20 | 0.02 | 0.00 | 0.04 | 0.04 | 0.03 |
| -0.02 | -0.13 | 0.02 | -0.22 | -0.09 | -0.26 | -0.14 | -0.02 | 0.02 | -0.24 | -0.33 | -0.12 | -0.10 |
| 96.00 | 96.00 | 96.00 | 96.02 | 96.00 | 96.03 | 96.01 | 96.02 | 96.00 | 96.03 | 96.03 | 96.04 | 96.01 |
| 5.856 | 5.862 | 5.907 | 5.812 | 5.813 | 5.865 | 5.782 | 5.799 | 5.717 | 5.821 | 5.845 | 5.801 | 5.839 |
| 2.144 | 2.138 | 2.093 | 2.188 | 2.187 | 2.135 | 2.218 | 2.201 | 2.283 | 2.179 | 2.155 | 2.199 | 2.161 |
| 0.499 | 0.472 | 0.476 | 0.525 | 0.442 | 0.545 | 0.450 | 0.540 | 0.693 | 0.516 | 0.537 | 0.502 | 0.468 |
| 0.149 | 0.164 | 0.148 | 0.167 | 0.150 | 0.161 | 0.159 | 0.160 | 0.151 | 0.157 | 0.155 | 0.165 | 0.156 |
| 0.030 | 0.054 | 0.059 | 0.040 | 0.029 | 0.045 | 0.055 | 0.031 | 0.046 | 0.051 | 0.046 | 0.044 | 0.024 |
| 1.779 | 1.787 | 1.755 | 1.802 | 1.876 | 1.784 | 1.821 | 1.820 | 1.816 | 1.757 | 1.788 | 1.754 | 1.806 |
| 0.029 | 0.022 | 0.041 | 0.017 | 0.022 | 0.029 | 0.042 | 0.032 | 0.035 | 0.020 | 0.033 | 0.026 | 0.028 |
| 3.228 | 3.223 | 3.177 | 3.173 | 3.219 | 3.134 | 3.178 | 3.149 | 2.934 | 3.210 | 3.146 | 3.258 | 3.278 |
| 0.023 | | | | 0.023 | | 0.018 | 0.001 | | | 0.003 | | |
| 0.018 | 0.014 | 0.045 | 0.014 | 0.026 | 0.012 | 0.050 | 0.018 | 0.047 | 0.023 | 0.029 | 0.015 | 0.002 |
| | | 0.058 | 0.006 | 0.014 | 0.033 | 0.072 | | 0.041 | 0.003 | 0.014 | 0.022 | 0.022 |
| 1.807 | 1.814 | 1.803 | 1.809 | 1.830 | 1.770 | 1.773 | 1.807 | 1.759 | 1.829 | 1.772 | 1.772 | 1.816 |
| 19 562 | 19 550 | 19 562 | 19 552 | 19 630 | 19 513 | 19 619 | 19 559 | 19 521 | 19 565 | 19 524 | 19 559 | 19 598 |
| 3 978 | 3 857 | 3 995 | 3 756 | 3 902 | 3 710 | 3 850 | 3 902 | 3 995 | 3 736 | 3 634 | 3 864 | 3 890 |
| 5.770 | 0.135 | 5.775 | 0.234 | 0.098 | 0.280 | 0.145 | 0.093 | 5.775 | 0.262 | 0.356 | 0.126 | 0.103 |
| 0.022 | 0.008 | 0.005 | 0.010 | 0.070 | 0.010 | 0.005 | 0.005 | 0.005 | 0.003 | 0.010 | 0.010 | 0.008 |
| 1.076 | 1.069 | 1,136 | 1.003 | 0.991 | 1.066 | 0.958 | 1.001 | 0.926 | 1.015 | 1.031 | 1.016 | 1.044 |
| 0.205 | 0.205 | 0.350 | 0.196 | 0.162 | 0.251 | 0.209 | 0.191 | 0.312 | 0.236 | 0.244 | 0.154 | 0.154 |
| 546 | 603 | 541 | 605 | 534 | 584 | 576 | 575 | 521 | 580 | 562 | 614 | 573 |
| 1.48 | 1.38 | 1.25 | 1.69 | 1.44 | 1.59 | 1.56 | 1.77 | 2.49 | 1.64 | 1.63 | 1.65 | 1.44 |
| 808 | 835 | 784 | 848 | 840 | 819 | 794 | 817 | 789 | 855 | 828 | 824 | 816 |
| 6.01 | 6.96 | 4.33 | 8.18 | 8.17 | 5.22 | 4.19 | 6.92 | 6.29 | 8.56 | 5.32 | 6.22 | 5.67 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600M | SOS-600M | SOS-600M | SOS-600M | SOS-600N |
| С | В | С | В | С | В | С | В | С | В | С | В | С |
| 39.10 | 39.26 | 39.72 | 39.60 | 39.22 | 39.91 | 39.41 | 39.61 | 39.64 | 39.17 | 39.42 | 39.71 | 39.32 |
| 1.56 | 1.22 | 1.49 | 1.02 | 1.65 | 1.74 | 1.68 | 1.56 | 1.67 | 1.70 | 1.49 | 1.45 | 1.53 |
| 16.11 | 15.59 | 15.41 | 15.72 | 15.12 | 15.43 | 14.89 | 15.24 | 15.29 | 14.77 | 15.40 | 15.64 | 15.24 |
| 14.15 | 14.97 | 14.74 | 14.79 | 15.12 | 14.98 | 15.31 | 15.38 | 15.00 | 16.54 | 15.45 | 14.62 | 15.31 |
| 0.33 | 0.23 | 0.22 | 0.36 | 0.39 | 0.30 | 0.35 | 0.33 | 0.25 | 0.28 | 0.41 | 0.28 | 0.23 |
| 14.75 | 15.04 | 14.12 | 14.28 | 14.13 | 14.02 | 14.33 | 13.87 | 14.11 | 13.53 | 13.68 | 14.40 | 13.92 |
| 0.20 | 0.18 | 0.15 | 0.30 | 0.16 | 0.28 | 0.08 | 0.44 | 0.13 | 0.02 | 0.13 | 0.05 | 0.21 |
| 0.11 | | 0.06 | 0.04 | 0.11 | 0.27 | 0.07 | 0.13 | 0.12 | | 0.09 | 0.16 | 0.25 |
| 9.34 | 8.94 | 9.61 | 9.23 | 9.44 | 8.86 | 9.43 | 9.30 | 9.60 | 9.87 | 9.73 | 9.39 | 9.54 |
| | | | | | | | | | | | | |
| 0.13 | 0.26 | 0.20 | 0.31 | 0.22 | 0.15 | 0.19 | 0.06 | 0.12 | 0.05 | 0.14 | 0.05 | 0.14 |
| | | 0.20 | 0.11 | 0.01 | 0.07 | | 0.02 | 0.05 | | | 0.02 | |
| 0.17 | 0.33 | 0.08 | 0.24 | 0.44 | | 0.27 | | | | 0.01 | 0.23 | 0.24 |
| 0.03 | | 0.01 | 0.04 | 0.03 | 0.01 | 0.02 | 0.06 | 0.01 | 0.07 | 0.05 | 0.02 | 0.07 |
| -0.08 | -0.14 | -0.04 | -0.11 | -0.19 | 0.00 | -0.12 | -0.01 | 0.00 | -0.02 | -0.02 | -0.10 | -0.12 |
| 95.98 | 96.02 | 96.00 | 96.03 | 96.04 | 96.00 | 96.02 | 95.99 | 95.99 | 95.99 | 96.00 | 96.01 | 96.00 |
| 5.752 | 5.787 | 5.855 | 5.840 | 5.819 | 5.860 | 5.837 | 5.851 | 5.846 | 5.837 | 5.837 | 5.845 | 5.831 |
| 2.248 | 2.213 | 2.145 | 2.160 | 2.181 | 2.140 | 2.163 | 2.149 | 2.154 | 2.163 | 2.163 | 2.155 | 2.169 |
| 0.544 | 0.495 | 0.533 | 0.572 | 0.464 | 0.530 | 0.437 | 0.504 | 0.504 | 0.433 | 0.525 | 0.559 | 0.494 |
| 0.173 | 0.135 | 0.165 | 0.113 | 0.184 | 0.192 | 0.187 | 0.173 | 0.185 | 0.190 | 0.166 | 0.160 | 0.170 |
| 0.016 | 0.030 | 0.023 | 0.036 | 0.026 | 0.018 | 0.022 | 0.007 | 0.013 | 0.006 | 0.017 | 0.006 | 0.017 |
| 1.741 | 1.845 | 1.817 | 1.825 | 1.876 | 1.839 | 1.897 | 1.900 | 1.849 | 2.062 | 1.913 | 1.800 | 1.899 |
| 0.041 | 0.029 | 0.028 | 0.046 | 0.049 | 0.037 | 0.043 | 0.041 | 0.031 | 0.035 | 0.052 | 0.035 | 0.029 |
| 3.233 | 3.305 | 3.104 | 3.140 | 3.126 | 3.068 | 3.165 | 3.055 | 3.102 | 3.005 | 3.020 | 3.160 | 3.077 |
| | | 0.024 | 0.013 | 0.001 | 0.008 | | 0.002 | 0.006 | | | 0.002 | |
| 0.032 | 0.029 | 0.024 | 0.047 | 0.026 | 0.044 | 0.012 | 0.070 | 0.021 | 0.003 | 0.021 | 0.008 | 0.034 |
| 0.030 | | 0.016 | 0.011 | 0.030 | 0.077 | 0.019 | 0.038 | 0.036 | | 0.025 | 0.047 | 0.072 |
| 1.753 | 1.680 | 1.807 | 1.735 | 1.786 | 1.660 | 1.781 | 1.753 | 1.806 | 1.876 | 1.839 | 1.763 | 1.805 |
| 19 562 | 19 549 | 19 541 | 19 537 | 19 569 | 19 472 | 19 565 | 19 542 | 19 554 | 19 610 | 19 577 | 19 539 | 19 597 |
| 3.913 | 3 846 | 3 960 | 3 878 | 3 786 | 3 998 | 3 868 | 3 985 | 3 998 | 3 982 | 3 983 | 3 888 | 3 870 |
| 0.079 | 0 154 | 0.037 | 0.112 | 0.206 | 5.770 | 0.126 | 5.705 | 5.770 | 5.762 | 0.005 | 0.107 | 0.113 |
| 0.07 | 0.154 | 0.007 | 0.010 | 0.200 | 0.002 | 0.005 | 0.015 | 0.002 | 0.018 | 0.003 | 0.107 | 0.018 |
| 0.007 | 0 995 | 1.068 | 1 050 | 0.000 | 1.095 | 1 023 | 1 053 | 1.056 | 0.010 | 1 024 | 1.065 | 1 010 |
| 0.141 | 0.045 | 0.254 | 0.257 | 0.159 | 0.207 | 0.109 | 0.261 | 0.221 | 0.141 | 0.254 | 0.210 | 0.255 |
| 643 | 485 | 590 | 366 | 649 | 673 | 659 | 601 | 654 | 632 | 571 | 582 | 594 |
| 1 93 | 1 68 | 1 58 | 1 75 | 1 48 | 1 56 | 1 35 | 1 51 | 1 52 | 1 33 | 1.61 | 1 69 | 1 54 |
| 806 | 830 | 814 | 790 | 804 | 777 | 805 | 775 | 796 | 792 | 783 | 801 | 794 |
| 5.29 | 6.89 | 6.89 | 5.06 | 3.77 | 4.73 | 3.9 | 4.19 | 6.06 | 5.56 | 4.2 | 5.49 | 5.04 |

| ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME |
|----------|----------|--------------|----------------|--------------|----------------|----------|----------------|----------|----------------|----------------|----------------|----------|
| SOS-600N | SOS-600N | SOS-600N | SOS-600N | SOS-600N | SOS-600N | SOS-600N | SOS-600N | SOS-600N | SOS-600N | SOS-600N | SOS-600N | SOS-600N |
| В | С | В | С | В | С | В | С | В | С | В | С | В |
| 39.49 | 39.52 | 40.61 | 38.97 | 38.73 | 39.29 | 37.88 | 39.55 | 39.71 | 39.24 | 39.24 | 39.12 | 39.48 |
| 1.50 | 1.54 | 1.62 | 1.52 | 1.65 | 1.55 | 1.61 | 1.58 | 1.62 | 1.70 | 1.70 | 1.51 | 1.44 |
| 15.12 | 15.12 | 16.68 | 15.08 | 14.81 | 15.14 | 14.93 | 15.09 | 15.67 | 15.15 | 15.15 | 15.17 | 15.39 |
| 15.22 | 15.35 | 13.59 | 15.95 | 16.74 | 15.34 | 17.48 | 15.72 | 14.64 | 15.42 | 15.42 | 15.83 | 15.40 |
| 0.36 | 0.32 | 0.12 | 0.36 | 0.37 | 0.35 | 0.35 | 0.33 | 0.25 | 0.40 | 0.40 | 0.27 | 0.36 |
| 14.04 | 13.90 | 14.27 | 13.48 | 13.21 | 13.92 | 12.81 | 13.88 | 13.98 | 13.98 | 13.98 | 13.85 | 13.77 |
| | 0.10 | 0.12 | 0.21 | 0.02 | | 0.15 | 0.14 | 0.20 | 0.20 | 0.20 | 0.23 | 0.07 |
| 0.02 | 0.12 | 0.06 | 0.22 | 0.01 | 0.31 | 0.21 | 0.15 | 0.02 | 0.08 | 0.08 | 0.16 | 0.06 |
| 9.69 | 9.35 | 8.67 | 9.61 | 10.20 | 9.55 | 10.40 | 9.47 | 9.48 | 9.61 | 9.61 | 9.66 | 9.78 |
| 0.10 | 0.00 | 0.00 | 0.04 | 0.14 | 0.17 | 0.10 | 0.06 | 0.07 | 0.07 | 0.07 | | 0.10 |
| 0.12 | 0.09 | 0.09 | 0.04 | 0.14 | 0.17 | 0.12 | 0.06 | 0.07 | 0.07 | 0.07 | | 0.12 |
| 0.13 | 0.00 | 0.06 | 0.04 | 0.03 | 0.03 | | | 0.04 | 0.14 | 0.27 | 0.10 | 0.09 |
| 0.29 | 0.60 | 0.08 | 0.52 | 0.09 | 0.30 | 0.05 | 0.02 | 0.26 | 0.14 | 0.37 | 0.19 | 0.05 |
| 0.04 | 0.02 | 0.05 | 0.03 | 0.08 | 0.08 | 0.05 | 0.03 | 0.08 | 0.00 | 0.03 | 0.03 | 0.05 |
| -0.13 | -0.26 | -0.04 | -0.23 | -0.02 | -0.14 | -0.01 | -0.01 | -0.13 | -0.06 | -0.16 | -0.09 | -0.01 |
| 90.02 | 90.02 | <u>90.01</u> | 90.02 | <u>95.99</u> | 90.02 | 95.99 | 90.00 | 90.01 | <u> </u> | 90.23 | 90.02 | 90.00 |
| 2.633 | 2.00/ | 2.00/ | 3.821 2.170 | 2 100 | J.834 2.166 | 2.719 | 3.832 2.149 | 2.635 | J.010 2 192 | J.010 2 192 | J.81J 2 195 | 2.043 |
| 2.143 | 2.135 | 2.115 | 2.179 | 2.199 | 2.100 | 2.201 | 2.140 | 2.147 | 2.162 | 2.162 | 2.165 | 2.133 |
| 0.498 | 0.312 | 0.739 | 0.477 | 0.417 | 0.464 | 0.373 | 0.464 | 0.370 | 0.403 | 0.403 | 0.472 | 0.550 |
| 0.107 | 0.171 | 0.177 | 0.170 | 0.180 | 0.175 | 0.165 | 0.170 | 0.180 | 0.169 | 0.169 | 0.108 | 0.100 |
| 0.013 | 1.006 | 0.010 | 1.003 | 2.008 | 0.020 | 0.013 | 0.007 | 1.008 | 0.008 | 0.008 | 1 069 | 1.006 |
| 1.007 | 1.900 | 1.040 | 1.992 | 2.098 | 1.903 | 2.207 | 1.943 | 1.603 | 1.912 | 1.912 | 1.908 | 1.900 |
| 2 104 | 2.076 | 2 092 | 2 002 | 0.046 | 2 091 | 0.044 | 2.041 | 2 072 | 2 080 | 2 080 | 2 070 | 2 029 |
| 0.016 | 3.070 | 3.065 | 5.002 | 2.930 | 5.081 | 2.002 | 5.002 | 0.005 | 5.069 | 5.089 | 5.070 | 5.056 |
| 0.010 | 0.015 | 0.007 | 0.003 | 0.003 | 0.003 | 0.025 | 0.022 | 0.003 | 0.022 | 0.022 | 0.027 | 0.010 |
| 0.006 | 0.015 | 0.016 | 0.034 | 0.003 | 0.088 | 0.023 | 0.023 | 0.032 | 0.032 | 0.032 | 0.037 | 0.011 |
| 1.832 | 1 770 | 1 603 | 1 831 | 1 9/8 | 1 800 | 2 002 | 1 786 | 1 783 | 1.817 | 1.817 | 1.831 | 1 847 |
| 1.052 | 1.770 | 1.005 | 1.051 | 1.940 | 1.009 | 2.002 | 1.780 | 1.765 | 1.017 | 1.017 | 1.051 | 1.047 |
| 19.568 | 19.537 | 19.315 | 19.626 | 19.672 | 19.607 | 19.795 | 19.568 | 19.496 | 19.585 | 19.585 | 19.627 | 19.578 |
| 3.854 | 3.713 | 3.951 | 3.747 | 3.980 | 3.839 | 3.987 | 3.992 | 3.859 | 3.934 | 3.819 | 3.903 | 3.987 |
| 0.136 | 0.282 | 0.037 | 0.246 | | 0.141 | | | 0.121 | 0.066 | 0.173 | 0.089 | |
| 0.010 | 0.005 | 0.012 | 0.008 | 0.020 | 0.020 | 0.013 | 0.008 | 0.020 | | 0.008 | 0.008 | 0.013 |
| 1.038 | 1.044 | 1.193 | 0.959 | 0.922 | 1.007 | 0.787 | 1.045 | 1.067 | 0.997 | 0.997 | 0.979 | 1.035 |
| 0.184 | 0.202 | 0.260 | 0.237 | 0.172 | 0.211 | 0.198 | 0.196 | 0.258 | 0.174 | 0.174 | 0.213 | 0.244 |
| 587 | 597 | 658 | 575 | 609 | 602 | 581 | 607 | 640 | 657 | 657 | 577 | 553 |
| 1.48 | 1.49 | 2.11 | 1.52 | 1.39 | 1.50 | 1.52 | 1.44 | 1.72 | 1.49 | 1.49 | 1.52 | 1.61 |
| 798 | 811 | 818 | 801 | 806 | 786 | 801 | 775 | 816 | 811 | 805 | 795 | 787 |
| 4.19 | 4.32 | 6.31 | 4.24 | 7.06 | 3.46 | 7.57 | 4.01 | 6.63 | 4.99 | 4.15 | 5.35 | 4.51 |

| ME | ME |
|--|----------|
| | IVIL |
| SOS-600N | SOS-600O |
| <u>C B C B C B C B C B</u> | С |
| 39.72 39.73 39.74 39.40 39.21 39.35 38.88 39.30 39.48 39.19 39.00 39.11 | 38.98 |
| $1.51 \qquad 1.41 \qquad 1.56 \qquad 1.56 \qquad 1.62 \qquad 1.62 \qquad 1.45 \qquad 1.59 \qquad 1.37 \qquad 1.44 \qquad 1.56 \qquad 1.49$ | 1.63 |
| 15.24 15.36 14.78 15.48 15.27 14.91 15.05 15.17 15.40 15.35 14.72 14.9 | 14.69 |
| 15.31 14.76 15.47 15.43 15.62 15.74 16.08 15.32 15.66 15.11 16.42 16.69 | 16.13 |
| 0.41 0.20 0.43 0.30 0.33 0.23 0.41 0.36 0.30 0.40 0.41 0.24 | 0.29 |
| 14.11 14.37 14.07 13.89 13.75 13.94 13.53 13.80 13.55 13.64 13.43 13.32 | 13.82 |
| 0.03 		0.19 		0.17 		0.15 		0.13 		0.11 		0.11 		0.28 		0.12 		0.32 		0.54 		0.15 | |
| 0.22 	 0.56 	 0.03 	 0.05 	 0.11 	 0.09 	 0.16 	 0.19 	 0.07 	 0.23 	 0.18 	 0.1 | |
| 9.40 9.24 9.72 9.50 9.51 9.69 9.64 9.59 9.50 9.47 9.21 9.59 | 9.60 |
| | |
| 0.14 0.11 0.14 0.18 0.17 0.04 0.06 0.12 | 0.29 |
| 0.04 0.05 0.09 0.03 0.01 0.09 0.00 | |
| 0.31 			0.10 			0.65 			0.19 			0.39 			0.69 			0.50 | 0.50 |
| 0.03 0.01 0.09 0.06 0.04 0.07 0.02 0.02 0.05 0.02 0.02 | |
| -0.01 0.00 -0.02 -0.14 -0.05 -0.29 -0.08 -0.17 -0.30 -0.22 -0.07 | -0.21 |
| 95.98 96.00 96.00 96.00 96.01 95.99 96.03 96.01 96.03 96.01 96.04 95.99 | 95.92 |
| 5.860 5.847 5.881 5.825 5.825 5.841 5.821 5.829 5.859 5.837 5.831 5.83 | 5.826 |
| 2.140 2.153 2.119 2.175 2.175 2.159 2.179 2.171 2.141 2.163 2.169 2.169 | 2.174 |
| 0.510 0.512 0.460 0.523 0.500 0.450 0.478 0.481 0.553 0.531 0.424 0.455 | 0.414 |
| 0.167 0.156 0.174 0.173 0.181 0.181 0.163 0.178 0.153 0.161 0.175 0.16 | 0.183 |
| 0.017 0.012 0.017 0.021 0.020 0.005 0.007 0.014 | 0.034 |
| 1.890 1.817 1.914 1.907 1.941 1.954 2.014 1.901 1.943 1.882 2.052 2.08 | 2.016 |
| 0.052 0.025 0.054 0.037 0.041 0.029 0.052 0.046 0.037 0.051 0.052 0.036 | 0.036 |
| 3.104 3.153 3.104 3.061 3.045 3.084 3.019 3.050 2.996 3.029 2.993 2.96 | 3.080 |
| 0.005 0.006 0.010 0.003 0.001 0.010 0.00' |) |
| 0.005 0.030 0.027 0.024 0.021 0.017 0.017 0.044 0.018 0.051 0.086 $0.02'$ | 1 |
| 0.063 0.159 0.008 0.014 0.030 0.025 0.047 0.055 0.019 0.067 0.053 0.03 | |
| 1.769 1.734 1.835 1.792 1.803 1.834 1.841 1.814 1.799 1.798 1.756 1.82 | 1.830 |
| | |
| 19.564 19.602 19.577 19.550 19.573 19.595 19.631 19.591 19.540 19.585 19.598 19.60 | 19.595 |
| 4.000 3.993 3.997 3.977 3.839 3.943 3.674 3.906 3.812 3.662 3.759 3.98 | 3.764 |
| 0.146 0.047 0.308 0.089 0.183 0.325 0.236 | 0.236 |
| 0.007 0.003 0.023 0.015 0.010 0.018 0.005 0.005 0.013 0.005 0.024 |) |
| 1.069 1.069 1.077 1.020 0.993 1.016 0.947 1.007 1.037 0.992 0.966 0.98 | 0.961 |
| 0.189 0.293 0.214 0.192 0.180 0.179 0.198 0.258 0.256 0.302 0.217 0.194 | 0.093 |
| <u>587 562 608 601 622 623 548 617 518 560 581 54</u> | 622 |
| 1.50 1.54 1.28 1.65 1.57 1.37 1.52 1.50 1.63 1.64 1.33 1.4 | 1.31 |
| 789 781 793 785 795 799 805 790 807 807 795 77 | 827 |
| 3.74 4.88 4.37 5.15 4.32 4.91 3.53 3.99 5.59 4.07 3.89 4.2 | 5.94 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600O |
| I | В | С | В | С | В | С | С | В | С | В | С | В |
| 38.88 | 38.98 | 39.26 | 39.46 | 39.17 | 39.55 | 39.55 | 39.07 | 39.17 | 40.03 | 39.17 | 39.55 | 39.94 |
| 1.73 | 1.73 | 1.54 | 1.34 | 1.54 | 1.63 | 1.25 | 1.54 | 1.15 | 1.63 | 2.21 | 2.30 | 2.30 |
| 15.26 | 14.98 | 14.88 | 14.59 | 15.55 | 15.55 | 15.46 | 15.55 | 14.59 | 15.46 | 15.65 | 14.59 | 14.78 |
| 16.03 | 15.84 | 15.46 | 15.46 | 15.17 | 15.07 | 15.55 | 15.55 | 16.22 | 15.17 | 15.17 | 15.74 | 14.98 |
| 0.38 | 0.19 | 0.19 | 0.38 | 0.38 | 0.38 | 0.38 | 0.38 | 0.29 | 0.29 | 0.48 | 0.19 | 0.48 |
| 13.63 | 13.63 | 13.92 | 14.30 | 14.11 | 13.82 | 13.82 | 13.63 | 14.40 | 13.92 | 12.86 | 13.92 | 14.30 |
| 9.60 | 9.60 | 9.60 | 9.50 | 9.50 | 9.89 | 9.60 | 9.70 | 9.41 | 9.41 | 9.50 | 9.41 | 9.02 |
| 0.38 | 0.29 | 0.58 | 0.77 | | 0.10 | 0.29 | 0.10 | | 0.19 | | | |
| | | 0.50 | | 0.50 | | 0.10 | | | | 1.00 | 0.40 | 0.20 |
| 0.10 | | 0.00 | | 0.10 | | 0110 | | | 0.10 | 0.10 | 0.10 | 0.10 |
| -0.02 | | -0.21 | | -0.23 | | -0.04 | | | -0.02 | -0.44 | -0.19 | -0.11 |
| 96.00 | 95.23 | 95.92 | 95.81 | 96.02 | 96.00 | 96.00 | 95.52 | 95.23 | 96.20 | 96.14 | 96.21 | 96.11 |
| 5.780 | 5.824 | 5.845 | 5.854 | 5.812 | 5.839 | 5.851 | 5.812 | 5.856 | 5.881 | 5.836 | 5.862 | 5.877 |
| 2.220 | 2.176 | 2.155 | 2.146 | 2.188 | 2.161 | 2.149 | 2.188 | 2.144 | 2.119 | 2.164 | 2.138 | 2.123 |
| 0.455 | 0.462 | 0.456 | 0.406 | 0.533 | 0.546 | 0.546 | 0.539 | 0.428 | 0.557 | 0.584 | 0.411 | 0.442 |
| 0.193 | 0.194 | 0.172 | 0.150 | 0.171 | 0.181 | 0.139 | 0.172 | 0.130 | 0.180 | 0.247 | 0.257 | 0.255 |
| 0.045 | 0.034 | 0.068 | 0.090 | | 0.011 | 0.034 | 0.011 | | 0.022 | | | |
| 1.993 | 1.980 | 1.924 | 1.918 | 1.882 | 1.861 | 1.924 | 1.935 | 2.029 | 1.864 | 1.890 | 1.951 | 1.843 |
| 0.048 | 0.024 | 0.024 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.036 | 0.036 | 0.061 | 0.024 | 0.060 |
| 3.021 | 3.037 | 3.089 | 3.164 | 3.122 | 3.042 | 3.049 | 3.023 | 3.209 | 3.048 | 2.857 | 3.075 | 3.138 |
| | | | | | | | | | | | | |
| 1.820 | 1.830 | 1.823 | 1.799 | 1.799 | 1.862 | 1.812 | 1.840 | 1.794 | 1.763 | 1.806 | 1.778 | 1.694 |
| 19.577 | 19.561 | 19.555 | 19.574 | 19.556 | 19.552 | 19.551 | 19.567 | 19.626 | 19.471 | 19.446 | 19.496 | 19.432 |
| 3.975 | 4.000 | 3.765 | 4.000 | 3.740 | 4.000 | 3.953 | 4.000 | 4.000 | 3.975 | 3.504 | 3.787 | 3.882 |
| | | 0.235 | | 0.235 | | 0.047 | | | | 0.471 | 0.187 | 0.093 |
| 0.025 | | | | 0.025 | | | | | 0.025 | 0.025 | 0.025 | 0.025 |
| 0.940 | 0.961 | 1.004 | 1.033 | 0.986 | 1.043 | 1.045 | 0.972 | 0.993 | 1.116 | 0.990 | 1.047 | 1.102 |
| 0.090 | 0.134 | 0.171 | 0.133 | 0.129 | 0.231 | 0.217 | 0.180 | 0.070 | 0.200 | 0.202 | 0.045 | 0.012 |
| 651 | 657 | 597 | 523 | 605 | 634 | 466 | 589 | 425 | 631 | 7/98 | 831 | 848 |
| 1.57 | 1.46 | 1.38 | 1.20 | 1.71 | 1.67 | 1.64 | 1.73 | 1.26 | 1.58 | 1.80 | 1.19 | 1.24 |
| 779 | 811 | 839 | 789 | 806 | 815 | 802 | 801 | 793 | 7/81 | 846 | 833 | 7/96 |
| 3.99 | 7.6 | 7.66 | 4.27 | 4.72 | 6.75 | 5.5 | 5.4 | 5 | 5.42 | 4.77 | 5.17 | 3.34 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600O |
| C | В | С | В | С | В | С | В | С | В | С | В | В |
| 39.10 | 39.62 | 39.03 | 39.01 | 39.09 | 39.43 | 39.49 | 39.24 | 39.36 | 39.29 | 39.27 | 39.02 | 39.35 |
| 1.63 | 1.90 | 1.55 | 1.70 | 1.72 | 1.79 | 1.54 | 1.50 | 1.69 | 1.37 | 1.77 | 1.52 | 1.49 |
| 15.11 | 16.06 | 15.37 | 15.74 | 15.34 | 15.35 | 15.26 | 15.51 | 15.64 | 15.62 | 15.62 | 15.91 | 15.84 |
| 15.06 | 14.17 | 15.46 | 14.58 | 15.43 | 14.91 | 15.54 | 15.32 | 14.97 | 15.08 | 14.83 | 15.19 | 14.80 |
| 0.29 | 0.17 | 0.22 | 0.43 | 0.26 | 0.35 | 0.12 | 0.25 | 0.29 | 0.32 | 0.29 | 0.18 | 0.33 |
| 14.02 | 13.42 | 13.85 | 14.09 | 13.82 | 13.73 | 14.06 | 14.08 | 13.85 | 14.05 | 13.86 | 13.88 | 14.07 |
| 0.07 | 0.14 | 0.09 | 0.20 | 0.10 | 0.18 | 0.14 | 0.14 | 0.21 | 0.11 | 0.31 | 0.30 | 0.30 |
| 0.28 | 0.57 | 0.29 | 0.19 | 0.43 | 0.49 | 0.23 | 0.20 | 0.33 | 0.25 | 0.40 | 0.36 | 0.21 |
| 9.67 | 9.49 | 9.43 | 9.47 | 9.69 | 9.64 | 9.57 | 9.48 | 9.62 | 9.41 | 9.40 | 9.27 | 9.53 |
| | | | | | | | | | | | | |
| 0.12 | 0.05 | | 0.02 | | 0.06 | 0.01 | 0.08 | 0.05 | 0.10 | 0.17 | 0.14 | 0.08 |
| 0.07 | 0.05 | 0.04 | 0.18 | | 0.07 | 0.01 | | | 0.02 | 0.02 | 0.07 | |
| 0.61 | 0.35 | 0.65 | | | | | 0.15 | | 0.39 | | 0.05 | |
| | 0.02 | 0.07 | 0.02 | 0.13 | 0.03 | 0.01 | 0.06 | 0.01 | 0.02 | 0.06 | 0.10 | |
| -0.26 | -0.15 | -0.29 | 0.00 | -0.03 | -0.01 | 0.00 | -0.08 | 0.00 | -0.17 | -0.01 | -0.04 | |
| 96.01 | 96.01 | 96.04 | 95.65 | 96.01 | 96.01 | 96.00 | 96.02 | 96.01 | 96.03 | 96.00 | 96.00 | 96.00 |
| 5.820 | 5.836 | 5.812 | 5.776 | 5.798 | 5.828 | 5.837 | 5.807 | 5.809 | 5.818 | 5.796 | 5.769 | 5.799 |
| 2.180 | 2.164 | 2.188 | 2.224 | 2.202 | 2.172 | 2.163 | 2.193 | 2.191 | 2.182 | 2.204 | 2.231 | 2.201 |
| 0.471 | 0.625 | 0.510 | 0.523 | 0.480 | 0.502 | 0.496 | 0.513 | 0.530 | 0.544 | 0.513 | 0.541 | 0.551 |
| 0.183 | 0.211 | 0.173 | 0.189 | 0.192 | 0.198 | 0.171 | 0.167 | 0.188 | 0.153 | 0.196 | 0.169 | 0.165 |
| 0.014 | 0.006 | | 0.002 | | 0.007 | 0.001 | 0.009 | 0.006 | 0.011 | 0.020 | 0.017 | 0.009 |
| 1.875 | 1.746 | 1.925 | 1.806 | 1.914 | 1.843 | 1.921 | 1.896 | 1.847 | 1.868 | 1.831 | 1.878 | 1.825 |
| 0.036 | 0.022 | 0.028 | 0.054 | 0.033 | 0.043 | 0.016 | 0.031 | 0.036 | 0.040 | 0.036 | 0.023 | 0.041 |
| 3.110 | 2.947 | 3.075 | 3.110 | 3.057 | 3.025 | 3.099 | 3.107 | 3.048 | 3.102 | 3.050 | 3.059 | 3.092 |
| 0.008 | 0.006 | 0.005 | 0.022 | | 0.008 | 0.001 | | | 0.002 | 0.002 | 0.008 | |
| 0.011 | 0.023 | 0.014 | 0.032 | 0.015 | 0.029 | 0.023 | 0.023 | 0.033 | 0.017 | 0.049 | 0.047 | 0.047 |
| 0.080 | 0.162 | 0.083 | 0.055 | 0.124 | 0.140 | 0.066 | 0.058 | 0.093 | 0.072 | 0.115 | 0.105 | 0.060 |
| 1.835 | 1.784 | 1.791 | 1.787 | 1.833 | 1.817 | 1.804 | 1.788 | 1.811 | 1.777 | 1.769 | 1.749 | 1.792 |
| 19 623 | 19 529 | 19 603 | 19 581 | 19 647 | 19 612 | 19 597 | 19 592 | 19 592 | 19 585 | 19 581 | 19 595 | 19 582 |
| 3 713 | 3.832 | 3 676 | 3 995 | 3 967 | 3 992 | 3 997 | 3 915 | 3 997 | 3 812 | 3 985 | 3 952 | 4 000 |
| 0.287 | 0.163 | 0 306 | 0.770 | 01707 | 0.772 | 0.777 | 0.070 | 01777 | 0.183 | 01000 | 0.023 | |
| 0.207 | 0.005 | 0.018 | 0.005 | 0.033 | 0.008 | 0.003 | 0.015 | 0.003 | 0.005 | 0.015 | 0.025 | |
| 0 978 | 1.052 | 0.967 | 0.002 | 0.023 | 1 024 | 1 035 | 0.995 | 1 012 | 1 004 | 0.998 | 0.958 | 1 009 |
| 0.216 | 0.407 | 0.200 | 0.187 | 0.238 | 0.313 | 0.223 | 0.198 | 0.282 | 0.228 | 0.278 | 0.245 | 0.273 |
| 642 | 732 | 600 | 674 | 661 | 689 | 594 | 584 | 657 | 537 | 686 | 590 | 588 |
| 1 50 | 1.92 | 1 64 | 1 79 | 1.60 | 1 57 | 1 53 | 1 67 | 1 71 | 1 73 | 1 70 | 1.87 | 1 81 |
| 834 | 819 | 819 | 786 | 774 | 777 | 802 | 791 | 793 | 801 | 778 | 789 | 808 |
| 6.07 | 7.4 | 5.18 | 3.8 | 5 | 4.07 | 7.17 | 5.07 | 6.01 | 4.89 | 5.05 | 6.49 | 6.15 |

| SOS-6000 SOS-6000 | SOS-600C |
|---|-----------|
| C B C B C B C B B B C B | С |
| | |
| 38.94 39.32 39.29 39.40 39.68 39.07 39.40 38.91 38.52 39.25 39.26 39.34 | 39.0 |
| 1.56 1.53 1.55 1.37 1.25 1.55 1.37 1.51 1.24 1.17 1.59 1.51 | 1.5 |
| 15.22 15.25 15.40 15.09 15.00 15.16 15.52 15.23 15.63 16.14 15.32 15.50 | 15.3 |
| 15.01 15.23 15.27 15.15 15.30 15.34 15.24 15.32 15.23 14.52 15.38 15.18 | 15.5 |
| 0.33 0.27 0.29 0.28 0.33 0.37 0.32 0.31 0.39 0.37 0.30 0.26 | 0.3 |
| 13.99 14.11 14.21 14.23 14.40 14.17 13.94 14.17 14.07 14.28 14.12 14.12 | 13.8 |
| 0.19 0.20 0.15 0.22 0.16 0.14 0.06 0.13 0.13 0.34 0.12 0.08 | 0.2 |
| 0.51 0.14 0.21 0.17 0.14 0.23 0.36 0.39 0.36 0.32 0.24 | 0.3 |
| 9.51 9.75 9.48 9.50 9.53 9.72 9.47 9.73 9.59 9.39 9.53 9.43 | 9.5 |
| | |
| 0.05 0.15 0.07 0.13 0.18 0.08 0.24 0.06 0.12 0.05 0.04 0.08 | 0.0 |
| 0.01 0.08 0.05 0.07 0.17 0.07 0.01 | 0.0 |
| 0.69 0.35 0.31 0.06 0.14 0.13 0.28 | |
| 0.02 		0.05 		0.07 		0.02 		0.04 		0.08 		0.05 		0.02 | 0.0 |
| -0.30 -0.01 -0.16 0.00 -0.14 -0.03 -0.08 -0.01 -0.05 0.00 -0.12 | -0.0 |
| <u>96.03</u> 96.01 95.99 96.02 95.99 96.01 96.01 96.01 95.38 96.00 96.00 96.01 | 96.0 |
| 5.802 5.819 5.806 5.844 5.863 5.807 5.823 5.783 5.751 5.784 5.808 5.819 | 5.79 |
| 2.198 2.181 2.194 2.156 2.137 2.193 2.177 2.217 2.249 2.216 2.192 2.181 | 2.20 |
| 0.474 0.480 0.488 0.482 0.474 0.462 0.528 0.450 0.501 0.587 0.479 0.522 | 0.47 |
| 0.175 0.170 0.172 0.153 0.139 0.173 0.153 0.168 0.139 0.130 0.177 0.168 | 0.17 |
| 0.006 0.018 0.008 0.016 0.021 0.009 0.028 0.007 0.014 0.006 0.004 0.009 | 0.01 |
| 1.871 1.884 1.887 1.879 1.891 1.907 1.883 1.905 1.901 1.790 1.902 1.877 | 1.92 |
| 0.041 0.034 0.036 0.035 0.041 0.047 0.040 0.039 0.050 0.047 0.037 0.032 | 0.04 |
| 3.107 3.113 3.130 3.146 3.172 3.139 3.071 3.139 3.132 3.136 3.114 3.114 | 3.04 |
| 0.001 0.009 0.006 0.008 0.021 0.008 0.001 | 0.00 |
| 0.031 0.032 0.024 0.035 0.026 0.023 0.009 0.021 0.021 0.053 0.018 0.012 | 0.03 |
| 0.147 0.041 0.061 0.050 0.041 0.066 0.102 0.114 0.101 0.091 0.069 | 0.11 |
| 1.808 1.841 1.786 1.798 1.797 1.842 1.785 1.845 1.826 1.765 1.799 1.779 | 1.80 |
| 10 661 10 613 10 601 10 600 10 601 10 600 10 583 10 685 10 608 10 615 10 622 10 581 | 10.63 |
| <u> 17.001 17.015 17.001 17.001 17.007 17.365 17.065 17.076 17.015 17.022 17.361 3.005 3.844 3.072 3.014 3.087 3.020 3.005 3.860 </u> | 3.05 |
| 0.325 0.164 0.146 0.028 0.066 0.061 0.131 | 5.90 |
| 0.025 0.001 0.001 0.001 0.001 0.001 0.001 0.001 | 0.01 |
| 0.005 0.015 0.018 0.005 0.010 0.020 0.015 0.005 0.005 | 0.01 |
| 0.752 1.000 1.002 1.025 1.007 0.71 1.017 0.745 0.005 0.775 0.776 1.011 0.266 0.235 0.176 0.232 0.221 0.148 0.222 0.206 0.222 0.312 0.104 0.108 | 0.97 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 61 |
| 157 153 160 146 138 152 166 155 180 196 156 166 | 1 6 |
| 817 789 802 798 780 808 80 <i>1</i> 795 776 809 770 810 | 1.0 77 |
| 463 	505 	575 	444 	421 	462 	573 	46 	432 	509 	483 	62 | 4 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600O |
| В | С | В | С | В | С | В | С | В | С | В | С | В |
| 38.98 | 39.26 | 38.31 | 39.23 | 38.97 | 39.33 | 38.44 | 39.28 | 39.35 | 39.18 | 39.72 | 39.23 | 37.49 |
| 1.66 | 1.58 | 1.56 | 1.53 | 1.62 | 1.64 | 1.29 | 1.67 | 1.72 | 1.40 | 1.12 | 1.67 | 1.76 |
| 15.25 | 15.28 | 17.67 | 16.12 | 15.49 | 14.73 | 17.04 | 15.24 | 15.10 | 15.97 | 15.21 | 15.29 | 15.01 |
| 15.04 | 15.35 | 14.29 | 15.17 | 15.83 | 15.58 | 14.48 | 15.18 | 15.28 | 15.21 | 15.03 | 14.48 | 17.33 |
| 0.30 | 0.17 | 0.21 | 0.26 | 0.22 | 0.27 | 0.23 | 0.24 | 0.36 | 0.28 | 0.24 | 0.36 | 0.35 |
| 14.21 | 14.04 | 12.95 | 13.57 | 13.80 | 14.05 | 13.90 | 13.62 | 13.68 | 13.71 | 14.13 | 14.43 | 12.88 |
| 0.21 | 0.18 | 0.20 | 0.17 | 0.17 | | 0.57 | 0.02 | 0.36 | | 0.18 | 0.05 | 0.16 |
| 0.23 | 0.32 | 0.72 | 0.09 | 0.15 | 0.14 | 0.85 | 0.22 | 0.12 | 0.36 | 0.36 | 0.36 | 0.26 |
| 9.43 | 9.69 | 9.33 | 9.72 | 9.36 | 9.49 | 9.02 | 9.67 | 9.45 | 9.71 | 9.53 | 9.76 | 10.10 |
| | | | | | | | | | | | | |
| 0.22 | 0.11 | 0.12 | 0.06 | 0.09 | 0.07 | 0.09 | 0.24 | 0.23 | 0.10 | 0.11 | 0.06 | 0.16 |
| 0.11 | | 0.25 | 0.04 | | 0.12 | | 0.15 | | 0.08 | | 0.04 | |
| 0.33 | | 0.34 | | 0.28 | 0.58 | 0.06 | 0.49 | 0.31 | 0.01 | 0.33 | 0.30 | 0.42 |
| 0.04 | 0.02 | 0.05 | 0.06 | | 0.03 | 0.02 | | 0.05 | | 0.05 | | 0.09 |
| -0.15 | 0.00 | -0.15 | -0.01 | -0.12 | -0.25 | -0.03 | -0.21 | -0.14 | 0.00 | -0.15 | -0.13 | -0.20 |
| 96.01 | 96.01 | 96.01 | 96.01 | 95.99 | 96.03 | 95.98 | 96.02 | 96.02 | 95.99 | 96.01 | 96.01 | 96.01 |
| 5.784 | 5.811 | 5.663 | 5.793 | 5.785 | 5.857 | 5.666 | 5.838 | 5.838 | 5.792 | 5.880 | 5.806 | 5.679 |
| 2.216 | 2.189 | 2.337 | 2.207 | 2.215 | 2.143 | 2.334 | 2.162 | 2.162 | 2.208 | 2.120 | 2.194 | 2.321 |
| 0.453 | 0.477 | 0.741 | 0.599 | 0.497 | 0.441 | 0.626 | 0.507 | 0.479 | 0.576 | 0.534 | 0.474 | 0.361 |
| 0.185 | 0.176 | 0.173 | 0.170 | 0.181 | 0.184 | 0.143 | 0.187 | 0.192 | 0.156 | 0.125 | 0.186 | 0.200 |
| 0.026 | 0.012 | 0.013 | 0.007 | 0.010 | 0.008 | 0.010 | 0.028 | 0.027 | 0.011 | 0.012 | 0.007 | 0.020 |
| 1.867 | 1.900 | 1.767 | 1.874 | 1.966 | 1.940 | 1.785 | 1.887 | 1.896 | 1.880 | 1.862 | 1.792 | 2.196 |
| 0.037 | 0.022 | 0.026 | 0.032 | 0.028 | 0.034 | 0.029 | 0.030 | 0.046 | 0.035 | 0.030 | 0.045 | 0.044 |
| 3.143 | 3.098 | 2.853 | 2.989 | 3.055 | 3.120 | 3.054 | 3.018 | 3.026 | 3.021 | 3.119 | 3.183 | 2.910 |
| 0.013 | | 0.030 | 0.005 | | 0.014 | | 0.018 | | 0.009 | | 0.005 | |
| 0.034 | 0.029 | 0.032 | 0.027 | 0.027 | | 0.089 | 0.003 | 0.058 | | 0.029 | 0.008 | 0.026 |
| 0.066 | 0.091 | 0.206 | 0.025 | 0.044 | 0.042 | 0.244 | 0.064 | 0.036 | 0.102 | 0.102 | 0.102 | 0.076 |
| 1.785 | 1.828 | 1.759 | 1.832 | 1.773 | 1.803 | 1.697 | 1.833 | 1.788 | 1.830 | 1.800 | 1.843 | 1.952 |
| 19 609 | 19 634 | 19 601 | 19 559 | 19 581 | 19 586 | 19 677 | 19 575 | 19 548 | 19 621 | 19 613 | 19 644 | 19 784 |
| 3.835 | 3.995 | 3.829 | 3.985 | 3.869 | 3.719 | 3.967 | 3.770 | 3.842 | 3.995 | 3.833 | 3.860 | 3.776 |
| 0 155 | 5.775 | 0.159 | 5.705 | 0.131 | 0 273 | 0.028 | 0.230 | 0.145 | 0.005 | 0.155 | 0 140 | 0 201 |
| 0.010 | 0.005 | 0.013 | 0.015 | 0.151 | 0.008 | 0.025 | 0.230 | 0.013 | 0.005 | 0.013 | 0.110 | 0.023 |
| 0.954 | 0.002 | 0.842 | 0.990 | 0 953 | 1 016 | 0.860 | 1 006 | 1 015 | 0 984 | 1 073 | 0 993 | 0.723 |
| 0.162 | 0.247 | 0.399 | 0.278 | 0.147 | 0.135 | 0.375 | 0.247 | 0.254 | 0.278 | 0.344 | 0.220 | 0.126 |
| 655 | 617 | 602 | 587 | 619 | 637 | 504 | 645 | 660 | 539 | 420 | 673 | 638 |
| 1.56 | 1.55 | 2.80 | 1.97 | 1.69 | 1.30 | 2.44 | 1.56 | 1.47 | 1.90 | 1.51 | 1.55 | 1.59 |
| 803 | 790 | 794 | 795 | 823 | 814 | 788 | 832 | 795 | 804 | 794 | 819 | 824 |
| 4.35 | 6.27 | 6.36 | 6.11 | 6.96 | 4.03 | 6.57 | 6.85 | 4.19 | 7.16 | 5.08 | 5.48 | 6.77 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600O |
| C | В | В | С | В | С | В | С | В | В | С | В | С |
| 38.86 | 38.62 | 38.66 | 38.51 | 38.59 | 39.13 | 39.57 | 39.10 | 39.06 | 39.32 | 39.32 | 39.05 | 39.29 |
| 1.42 | 1.31 | 1.70 | 1.67 | 1.63 | 1.33 | 1.51 | 1.50 | 1.66 | 1.57 | 1.42 | 1.50 | 1.49 |
| 15.63 | 16.50 | 15.56 | 15.06 | 15.30 | 15.03 | 15.48 | 15.03 | 15.25 | 15.44 | 15.31 | 15.89 | 15.34 |
| 15.80 | 16.30 | 16.59 | 17.05 | 16.25 | 15.50 | 15.13 | 15.10 | 15.36 | 14.91 | 15.34 | 14.75 | 15.19 |
| 0.35 | 0.22 | 0.19 | 0.38 | 0.27 | 0.27 | 0.16 | 0.39 | 0.24 | 0.41 | 0.30 | 0.27 | 0.31 |
| 13.89 | 13.33 | 13.65 | 13.54 | 13.90 | 13.83 | 13.70 | 14.39 | 13.99 | 14.45 | 14.11 | 14.62 | 14.24 |
| 0.07 | 0.24 | 0.16 | 0.10 | 0.09 | 0.23 | 0.07 | 0.25 | 0.13 | 0.11 | 0.24 | 0.12 | 0.24 |
| 0.24 | 0.47 | 0.16 | 0.14 | 0.26 | 0.32 | 0.35 | 0.21 | 0.35 | 0.11 | 0.23 | | 0.12 |
| 9.65 | 8.76 | 9.22 | 9.33 | 9.51 | 9.56 | 9.67 | 9.36 | 9.65 | 9.54 | 9.64 | 9.47 | 9.70 |
| 0.02 | 0.00 | 0.10 | 0.11 | 0.00 | 0.07 | 0.00 | 0.00 | 0.10 | 0.14 | 0.04 | 0.00 | |
| 0.03 | 0.08 | 0.12 | 0.11 | 0.08 | 0.27 | 0.29 | 0.22 | 0.13 | 0.14 | 0.04 | 0.22 | 0.01 |
| 0.03 | 0.11 | | 0.01 | | 0.01 | 0.05 | 0.41 | 0.04 | | | 0.04 | 0.01 |
| 0.43 | 0.06 | | 0.07 | 0.12 | 0.47 | 0.05 | 0.41 | 0.15 | 0.02 | 0.04 | 0.08 | 0.06 |
| 0.04 | 0.02 | | 0.05 | 0.12 | 0.05 | 0.04 | 0.04 | 0.07 | 0.02 | 0.04 | 0.02 | 0.06 |
| -0.19 | -0.03 | 06.01 | -0.04 | -0.03 | -0.21 | -0.03 | -0.18 | -0.06 | 0.00 | -0.01 | -0.03 | -0.01 |
| 96.43 | 96.02 | 96.01 | 96.01 | 96.00 | 96.01 | 96.01 | 96.01 | 96.02 | 96.02 | 95.99 | 96.00 | 95.98 |
| 5.768 | 5.719 | 5.742 | 5.753 | 5.747 | 5.831 | 5.846 | 5.806 | 5.794 | 5.801 | 5.820 | 5.756 | 5.813 |
| 2.232 | 2.281 | 2.258 | 2.247 | 2.253 | 2.169 | 2.154 | 2.194 | 2.206 | 2.199 | 2.180 | 2.244 | 2.187 |
| 0.502 | 0.600 | 0.466 | 0.406 | 0.433 | 0.4/1 | 0.543 | 0.438 | 0.461 | 0.485 | 0.491 | 0.516 | 0.489 |
| 0.159 | 0.145 | 0.190 | 0.188 | 0.183 | 0.150 | 0.16/ | 0.16/ | 0.185 | 0.175 | 0.158 | 0.166 | 0.166 |
| 0.003 | 0.009 | 0.014 | 0.012 | 0.009 | 0.032 | 0.034 | 0.026 | 0.016 | 0.01/ | 0.004 | 0.026 | 1.070 |
| 1.961 | 2.019 | 2.061 | 2.130 | 2.024 | 1.932 | 1.869 | 1.8/5 | 1.905 | 1.839 | 1.899 | 1.818 | 1.879 |
| 0.043 | 0.028 | 0.024 | 0.049 | 0.034 | 0.034 | 0.020 | 0.050 | 0.030 | 0.052 | 0.037 | 0.034 | 0.038 |
| 3.074 | 2.944 | 3.022 | 3.015 | 3.086 | 3.073 | 3.017 | 3.185 | 3.093 | 3.177 | 3.114 | 3.212 | 3.140 |
| 0.003 | 0.013 | | 0.001 | | 0.001 | | | 0.005 | | | 0.005 | 0.001 |
| 0.011 | 0.038 | 0.026 | 0.015 | 0.014 | 0.037 | 0.011 | 0.040 | 0.021 | 0.017 | 0.038 | 0.020 | 0.038 |
| 0.069 | 0.135 | 0.047 | 0.042 | 0.075 | 0.092 | 0.099 | 0.061 | 0.099 | 0.030 | 0.066 | | 0.036 |
| 1.827 | 1.656 | 1.746 | 1.778 | 1.807 | 1.817 | 1.822 | 1.773 | 1.825 | 1.796 | 1.820 | 1.779 | 1.830 |
| 19.652 | 19.586 | 19.596 | 19.637 | 19.664 | 19.638 | 19.582 | 19.615 | 19.642 | 19.587 | 19.627 | 19.575 | 19.616 |
| 3.788 | 3.967 | 4.000 | 3.954 | 3.970 | 3.766 | 3.967 | 3.797 | 3.930 | 3.995 | 3.990 | 3.963 | 3.985 |
| 0.202 | 0.028 | | 0.033 | | 0.221 | 0.023 | 0.193 | 0.070 | | | 0.037 | |
| 0.010 | 0.005 | | 0.013 | 0.030 | 0.013 | 0.010 | 0.010 | | 0.005 | 0.010 | | 0.015 |
| 0.935 | 0.894 | 0.903 | 0.883 | 0.894 | 0.983 | 1.047 | 0.975 | 0.968 | 1.005 | 1.008 | 0.960 | 1.003 |
| 0.171 | 0.175 | 0.060 | 0.020 | 0.088 | 0.282 | 0.325 | 0.164 | 0.213 | 0.145 | 0.247 | 0.104 | 0.217 |
| 542 | 471 | 632 | 616 | 619 | 512 | 583 | 597 | 645 | 627 | 553 | 604 | 586 |
| 1.75 | 2.20 | 1.72 | 1.51 | 1.61 | 1.47 | 1.64 | 1.44 | 1.55 | 1.60 | 1.56 | 1.83 | 1.58 |
| 800 | 780 | 807 | 774 | 771 | 800 | 791 | 794 | 815 | 786 | 778 | 839 | 784 |
| 4.63 | 5.44 | 7.26 | 3.32 | 4.61 | 4.8 | 6.46 | 3.13 | 6.54 | 3.87 | 4.6 | 7.56 | 4.8 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600O | SOS-600P |
| В | С | В | С | С | В | С | В | С | В | С | В | С |
| 39.11 | 39.37 | 39.22 | 39.28 | 39.38 | 39.61 | 39.54 | 39.38 | 39.14 | 39.26 | 38.74 | 38.58 | 40.05 |
| 1.46 | 1.19 | 1.30 | 1.64 | 1.35 | 1.48 | 1.32 | 1.47 | 1.29 | 1.26 | 1.67 | 1.37 | 1.46 |
| 15.23 | 15.11 | 15.00 | 14.95 | 14.95 | 15.70 | 15.28 | 15.34 | 15.27 | 15.26 | 15.16 | 15.91 | 15.59 |
| 15.60 | 15.24 | 15.29 | 15.48 | 15.09 | 14.60 | 14.57 | 15.11 | 15.33 | 15.06 | 15.75 | 15.51 | 13.87 |
| 0.15 | 0.30 | 0.39 | 0.23 | 0.31 | 0.27 | 0.30 | 0.19 | 0.22 | 0.31 | 0.36 | 0.31 | 0.34 |
| 13.87 | 14.56 | 14.47 | 14.48 | 14.55 | 14.04 | 14.47 | 14.11 | 14.49 | 14.06 | 14.22 | 13.58 | 14.83 |
| 0.10 | 0.10 | 0.18 | 0.01 | 0.19 | 0.14 | 0.11 | 0.10 | 0.11 | 0.16 | 0.19 | 0.15 | 0.12 |
| 0.09 | 0.01 | 0.08 | 0.28 | 0.38 | 0.34 | 0.20 | 0.26 | 0.33 | 0.22 | 0.36 | 0.49 | 0.34 |
| 9.49 | 9.56 | 9.42 | 9.50 | 9.56 | 9.51 | 9.53 | 9.62 | 9.64 | 9.49 | 9.45 | 9.34 | 9.29 |
| | | | | | | | | | | | | 0.01 |
| 0.28 | 0.04 | 0.09 | 0.09 | 0.14 | 0.23 | 0.19 | 0.12 | 0.07 | 0.12 | 0.08 | 0.20 | 0.04 |
| 0.12 | | | 0.05 | | 0.03 | 0.03 | 0.09 | | | | 0.10 | 0.04 |
| 0.47 | 0.51 | 0.54 | | | | 0.48 | 0.16 | 0.08 | 0.76 | | 0.38 | |
| 0.05 | 0.04 | 0.08 | 0.01 | 0.09 | 0.05 | | 0.06 | 0.07 | 0.05 | 0.03 | 0.07 | 0.01 |
| -0.21 | -0.22 | -0.25 | 0.00 | -0.02 | -0.01 | -0.20 | -0.08 | -0.05 | -0.33 | -0.01 | -0.18 | 0.00 |
| 96.02 | 96.02 | 96.04 | 95.99 | 96.00 | 96.00 | 96.02 | 96.01 | 96.03 | 96.03 | 95.99 | 96.00 | 95.98 |
| 5.819 | 5.844 | 5.831 | 5.813 | 5.828 | 5.832 | 5.849 | 5.829 | 5.799 | 5.844 | 5.753 | 5.745 | 5.862 |
| 2.181 | 2.156 | 2.169 | 2.187 | 2.172 | 2.168 | 2.151 | 2.171 | 2.201 | 2.156 | 2.247 | 2.255 | 2.138 |
| 0.489 | 0.488 | 0.459 | 0.421 | 0.436 | 0.556 | 0.514 | 0.505 | 0.467 | 0.521 | 0.407 | 0.537 | 0.551 |
| 0.163 | 0.133 | 0.145 | 0.183 | 0.151 | 0.164 | 0.146 | 0.164 | 0.143 | 0.141 | 0.187 | 0.154 | 0.161 |
| 0.033 | 0.005 | 0.010 | 0.010 | 0.017 | 0.027 | 0.022 | 0.015 | 0.008 | 0.015 | 0.009 | 0.024 | 0.004 |
| 1.941 | 1.891 | 1.902 | 1.915 | 1.868 | 1.798 | 1.803 | 1.870 | 1.900 | 1.875 | 1.957 | 1.932 | 1.698 |
| 0.019 | 0.037 | 0.050 | 0.029 | 0.039 | 0.034 | 0.037 | 0.024 | 0.028 | 0.039 | 0.045 | 0.039 | 0.042 |
| 3.077 | 3.223 | 3.207 | 3.194 | 3.211 | 3.083 | 3.190 | 3.114 | 3.200 | 3.120 | 3.148 | 3.015 | 3.236 |
| 0.015 | | | 0.006 | | 0.003 | 0.003 | 0.010 | | | | 0.011 | 0.005 |
| 0.015 | 0.015 | 0.029 | 0.002 | 0.030 | 0.023 | 0.017 | 0.015 | 0.017 | 0.026 | 0.031 | 0.025 | 0.018 |
| 0.025 | 0.003 | 0.022 | 0.080 | 0.110 | 0.096 | 0.058 | 0.074 | 0.094 | 0.064 | 0.102 | 0.141 | 0.095 |
| 1.802 | 1.810 | 1.786 | 1.794 | 1.805 | 1.787 | 1.799 | 1.816 | 1.822 | 1.802 | 1.790 | 1.774 | 1.735 |
| | | | | | | | | | | | | 0.001 |
| 19.580 | 19.605 | 19.609 | 19.632 | 19.666 | 19.570 | 19.589 | 19.608 | 19.677 | 19.603 | 19.675 | 19.651 | 19.546 |
| 3.766 | 3.751 | 3.726 | 3.997 | 3.977 | 3.988 | 3.775 | 3.910 | 3.945 | 3.630 | 3.992 | 3.803 | 3.998 |
| 0.221 | 0.239 | 0.254 | | | | 0.225 | 0.075 | 0.037 | 0.358 | | 0.179 | |
| 0.013 | 0.010 | 0.020 | 0.003 | 0.023 | 0.012 | | 0.015 | 0.018 | 0.013 | 0.008 | 0.018 | 0.002 |
| 0.979 | 1.019 | 0.995 | 1.002 | 1.018 | 1.050 | 1.044 | 1.018 | 0.979 | 1.004 | 0.916 | 0.893 | 1.115 |
| 0.178 | 0.161 | 0.149 | 0.108 | 0.230 | 0.306 | 0.246 | 0.241 | 0.199 | 0.266 | 0.110 | 0.241 | 0.255 |
| 563 | 461 | 509 | 644 | 538 | 587 | 529 | 577 | 502 | 488 | 646 | 523 | 606 |
| 1.56 | 1.48 | 1.43 | 1.37 | 1.37 | 1.72 | 1.54 | 1.58 | 1.55 | 1.58 | 1.51 | 1.93 | 1.62 |
| 823 | 817 | 806 | 784 | 778 | 781 | 822 | 798 | 795 | 810 | 775 | 793 | 788 |
| 6.83 | 5.23 | 3.8 | 4.84 | 3.79 | 5.93 | 5.77 | 5.64 | 4.8 | 4.33 | 3.8 | 5.55 | 5.11 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600P |
| I | I | I | I | I | I | I | I | I | I | I | I | I |
| 39.81 | 39.35 | 39.71 | 39.27 | 39.53 | 38.85 | 39.55 | 38.62 | 39.54 | 39.88 | 39.56 | 39.58 | 39.74 |
| 1.34 | 1.55 | 1.53 | 1.52 | 1.39 | 1.56 | 1.35 | 1.25 | 1.36 | 1.35 | 1.45 | 1.55 | 1.48 |
| 15.48 | 14.94 | 15.17 | 15.53 | 15.35 | 15.58 | 15.19 | 15.30 | 15.99 | 14.90 | 15.59 | 15.23 | 15.40 |
| 14.52 | 15.41 | 15.00 | 15.02 | 15.23 | 14.52 | 15.22 | 16.90 | 14.07 | 14.70 | 14.47 | 14.69 | 15.04 |
| 0.23 | 0.34 | 0.30 | 0.32 | 0.43 | 0.41 | 0.38 | 0.36 | 0.23 | 0.39 | 0.18 | 0.44 | 0.33 |
| 14.44 | 13.95 | 14.48 | 14.42 | 14.52 | 14.63 | 14.76 | 14.94 | 14.88 | 14.37 | 14.37 | 14.32 | 14.27 |
| 0.05 | 0.24 | 0.27 | 0.12 | 0.22 | 0.44 | 0.24 | 0.28 | 0.23 | 0.11 | 0.18 | 0.17 | 0.11 |
| 0.23 | 0.34 | 0.30 | 0.32 | 0.43 | 0.41 | 0.38 | 0.36 | 0.23 | 0.39 | 0.18 | 0.44 | 0.33 |
| 9.62 | 9.67 | 9.15 | 9.48 | 9.17 | 9.00 | 8.97 | 8.00 | 9.03 | 9.60 | 9.34 | 9.46 | 9.28 |
| 0.08 | | | | | | | 0.14 | | 0.06 | | | 0.14 |
| | 0.09 | 0.03 | 0.08 | | | 0.04 | | 0.03 | 0.08 | 0.02 | 0.18 | 0.07 |
| | | 0.12 | | | 0.05 | 0.01 | 0.10 | 0.10 | 0.09 | | 0.04 | |
| | 0.20 | | | | 0.63 | | | 0.27 | | 0.42 | 0.01 | |
| 0.06 | 0.06 | 0.04 | 0.03 | 0.05 | 0.07 | 0.07 | | 0.02 | 0.04 | 0.05 | 0.02 | 0.05 |
| -0.01 | -0.10 | -0.01 | -0.01 | -0.01 | -0.28 | -0.02 | | -0.12 | -0.01 | -0.19 | -0.01 | -0.01 |
| 95.86 | 96.12 | 96.08 | 96.11 | 96.33 | 96.15 | 96.16 | 96.23 | 95.99 | 95.95 | 95.82 | 96.13 | 96.23 |
| 5.866 | 5.839 | 5.845 | 5.791 | 5.815 | 5.754 | 5.823 | 5.712 | 5.803 | 5.889 | 5.845 | 5.832 | 5.847 |
| 2.134 | 2.161 | 2.155 | 2.209 | 2.185 | 2.246 | 2.177 | 2.288 | 2.197 | 2.111 | 2.155 | 2.168 | 2.153 |
| 0.554 | 0.452 | 0.477 | 0.491 | 0.477 | 0.474 | 0.458 | 0.380 | 0.570 | 0.482 | 0.560 | 0.476 | 0.517 |
| 0.149 | 0.172 | 0.169 | 0.168 | 0.154 | 0.173 | 0.150 | 0.139 | 0.150 | 0.150 | 0.161 | 0.171 | 0.164 |
| | 0.010 | 0.003 | 0.009 | | | 0.004 | | 0.003 | 0.009 | 0.002 | 0.021 | 0.008 |
| 1.790 | 1.912 | 1.846 | 1.853 | 1.873 | 1.799 | 1.873 | 2.090 | 1.727 | 1.815 | 1.788 | 1.810 | 1.851 |
| 0.029 | 0.042 | 0.037 | 0.040 | 0.054 | 0.052 | 0.048 | 0.044 | 0.029 | 0.049 | 0.023 | 0.055 | 0.041 |
| 3.171 | 3.086 | 3.177 | 3.170 | 3.185 | 3.230 | 3.238 | 3.293 | 3.255 | 3.163 | 3.165 | 3.146 | 3.128 |
| | | 0.015 | | | 0.006 | 0.001 | 0.011 | 0.011 | 0.010 | | 0.005 | |
| 0.008 | 0.038 | 0.042 | 0.020 | 0.035 | 0.070 | 0.038 | 0.044 | 0.036 | 0.017 | 0.029 | 0.027 | 0.017 |
| 0.066 | 0.097 | 0.085 | 0.091 | 0.123 | 0.119 | 0.110 | 0.102 | 0.066 | 0.113 | 0.052 | 0.126 | 0.093 |
| 1.808 | 1.830 | 1.718 | 1.782 | 1.720 | 1.699 | 1.684 | 1.509 | 1.691 | 1.808 | 1.760 | 1.777 | 1.742 |
| 0.004 | | | | | | | 0.008 | | 0.003 | | | 0.008 |
| 19.578 | 19.640 | 19.570 | 19.623 | 19.621 | 19.622 | 19.604 | 19.621 | 19.540 | 19.620 | 19.541 | 19.615 | 19.568 |
| 3.985 | 3.891 | 3.990 | 3.993 | 3.988 | 3.687 | 3.983 | 4.000 | 3.870 | 3.990 | 3.791 | 3.990 | 3.988 |
| | 0.094 | | | | 0.295 | | | 0.125 | | 0.196 | 0.005 | |
| 0.015 | 0.015 | 0.010 | 0.007 | 0.012 | 0.018 | 0.017 | | 0.005 | 0.010 | 0.013 | 0.005 | 0.012 |
| 1.083 | 1.015 | 1.065 | 0.997 | 1.036 | 0.932 | 1.040 | 0.893 | 1.036 | 1.096 | 1.046 | 1.046 | 1.071 |
| 0.283 | 0.272 | 0.191 | 0.182 | 0.184 | 0.166 | 0.138 | | 0.184 | 0.304 | 0.249 | 0.257 | 0.229 |
| 540 | 601 | 607 | 602 | 548 | 634 | 536 | 465 | 564 | 541 | 586 | 617 | 582 |
| 1.61 | 1.39 | 1.44 | 1.65 | 1.53 | 1.71 | 1.46 | 1.55 | 1.85 | 1.33 | 1.70 | 1.48 | 1.56 |
| 785 | 788 | 773 | 780 | 771 | 801 | 770 | 774 | 809 | 774 | 810 | 779 | 773 |
| 5.4 | 3.76 | 3.92 | 4.88 | 3.43 | 4.19 | 3.11 | 3.96 | 6 | 3.3 | 6.41 | 3.47 | 4.19 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600P |
| В | С | Ι | Ι | Ι | Ι | Ι | Ι | Ι | Ι | В | С | Ι |
| 39.39 | 39.78 | 39.53 | 39.44 | 39.65 | 39.26 | 39.43 | 39.88 | 39.75 | 39.91 | 39.72 | 39.21 | 39.53 |
| 1.42 | 1.33 | 1.42 | 1.66 | 1.47 | 1.52 | 1.59 | 1.38 | 1.57 | 1.39 | 1.46 | 1.39 | 1.45 |
| 16.54 | 15.58 | 15.61 | 15.93 | 15.54 | 15.57 | 15.23 | 15.96 | 15.80 | 15.73 | 15.89 | 15.73 | 15.52 |
| 13.77 | 14.61 | 14.40 | 14.41 | 14.57 | 14.77 | 14.63 | 14.28 | 14.29 | 14.57 | 14.51 | 15.01 | 15.10 |
| 0.28 | 0.35 | 0.28 | 0.36 | 0.27 | 0.20 | 0.34 | 0.25 | 0.26 | 0.25 | 0.39 | 0.25 | 0.41 |
| 14.40 | 14.15 | 14.31 | 14.20 | 14.31 | 14.15 | 14.26 | 14.33 | 14.49 | 14.17 | 14.29 | 14.10 | 14.07 |
| 0.19 | 0.08 | 0.05 | 0.03 | 0.08 | 0.03 | 0.04 | 0.12 | 0.03 | | | | 0.01 |
| 0.28 | 0.35 | 0.22 | 0.36 | 0.27 | 0.20 | 0.34 | 0.25 | 0.26 | 0.25 | 0.39 | 0.25 | 0.41 |
| 9.00 | 9.56 | 9.37 | 9.36 | 9.56 | 9.51 | 9.62 | 9.35 | 9.72 | 9.58 | 9.28 | 9.77 | 9.44 |
| | | | | | | | | | 0.10 | | | |
| 0.04 | | 0.21 | 0.19 | 0.13 | | 0.09 | 0.01 | | 0.15 | 0.08 | 0.09 | 0.04 |
| 0.13 | | 0.11 | | | | 0.06 | 0.03 | | | 0.10 | 0.10 | 0.09 |
| 0.43 | 0.48 | 0.45 | 0.36 | 0.02 | 0.93 | 0.54 | 0.11 | 0.04 | | 0.08 | | |
| 0.08 | 0.08 | 0.05 | 0.07 | 0.05 | 0.02 | 0.03 | 0.11 | 0.03 | 0.03 | 0.03 | | 0.04 |
| -0.20 | -0.22 | -0.20 | -0.17 | -0.02 | -0.40 | -0.23 | -0.07 | -0.02 | -0.01 | -0.04 | | -0.01 |
| 95.94 | 96.35 | 96.01 | 96.37 | 95.93 | 96.17 | 96.18 | 96.07 | 96.24 | 96.14 | 96.22 | 95.90 | 96.12 |
| 5.787 | 5.864 | 5.837 | 5.798 | 5.841 | 5.827 | 5.837 | 5.851 | 5.828 | 5.860 | 5.826 | 5.798 | 5.829 |
| 2.213 | 2.136 | 2.163 | 2.202 | 2.159 | 2.173 | 2.163 | 2.149 | 2.172 | 2.140 | 2.174 | 2.202 | 2.171 |
| 0.651 | 0.572 | 0.554 | 0.558 | 0.540 | 0.550 | 0.494 | 0.612 | 0.559 | 0.583 | 0.574 | 0.540 | 0.528 |
| 0.157 | 0.148 | 0.158 | 0.184 | 0.163 | 0.169 | 0.177 | 0.153 | 0.174 | 0.154 | 0.161 | 0.155 | 0.161 |
| 0.004 | | 0.025 | 0.022 | 0.016 | | 0.010 | 0.001 | | 0.018 | 0.009 | 0.010 | 0.004 |
| 1.692 | 1.801 | 1.778 | 1.772 | 1.795 | 1.834 | 1.812 | 1.753 | 1.753 | 1.790 | 1.780 | 1.857 | 1.862 |
| 0.035 | 0.043 | 0.035 | 0.045 | 0.034 | 0.025 | 0.042 | 0.031 | 0.032 | 0.031 | 0.049 | 0.031 | 0.052 |
| 3.154 | 3.110 | 3.151 | 3.112 | 3.143 | 3.130 | 3.146 | 3.135 | 3.166 | 3.102 | 3.126 | 3.109 | 3.094 |
| 0.016 | | 0.013 | | | | 0.007 | 0.003 | | | 0.011 | 0.011 | 0.010 |
| 0.030 | 0.012 | 0.008 | 0.005 | 0.012 | 0.005 | 0.006 | 0.018 | 0.005 | | | | 0.002 |
| 0.079 | 0.099 | 0.063 | 0.104 | 0.077 | 0.058 | 0.096 | 0.071 | 0.074 | 0.071 | 0.112 | 0.072 | 0.118 |
| 1.686 | 1.798 | 1.765 | 1.755 | 1.797 | 1.801 | 1.817 | 1.750 | 1.817 | 1.794 | 1.737 | 1.843 | 1.775 |
| | | | | | | | | | 0.006 | | | |
| 19.504 | 19.582 | 19.548 | 19.557 | 19.576 | 19.572 | 19.608 | 19.526 | 19.578 | 19.548 | 19.559 | 19.629 | 19.605 |
| 3.780 | 3.756 | 3.777 | 3.815 | 3.978 | 3.559 | 3.740 | 3.922 | 3.974 | 3.993 | 3.955 | 4.000 | 3.990 |
| 0.200 | 0.224 | 0.210 | 0.167 | 0.009 | 0.436 | 0.253 | 0.051 | 0.019 | | 0.037 | | |
| 0.020 | 0.020 | 0.013 | 0.017 | 0.012 | 0.005 | 0.008 | 0.027 | 0.007 | 0.007 | 0.007 | | 0.010 |
| 1.012 | 1.079 | 1.040 | 1.020 | 1.057 | 1.001 | 1.026 | 1.089 | 1.069 | 1.095 | 1.063 | 0.989 | 1.039 |
| 0.240 | 0.318 | 0.232 | 0.220 | 0.262 | 0.218 | 0.239 | 0.286 | 0.256 | 0.301 | 0.231 | 0.235 | 0.230 |
| 586 | 528 | 574 | 662 | 589 | 605 | 638 | 557 | 637 | 552 | 584 | 547 | 567 |
| 2.15 | 1.67 | 1.70 | 1.83 | 1.65 | 1.72 | 1.52 | 1.84 | 1.74 | 1.72 | 1.79 | 1.78 | 1.65 |
| 793 | 797 | 802 | 804 | 783 | 839 | 814 | 795 | 801 | 781 | 781 | 804 | 769 |
| 5.31 | 4.87 | 5.2 | 4.83 | 5.25 | 6.97 | 4.38 | 5.97 | 6.3 | 6.38 | 4.32 | 7.46 | 3.76 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600P |
| Ι | Ι | Ι | Ι | Ι | В | В | С | В | С | В | С | В |
| 39.57 | 39.56 | 39.24 | 39.49 | 39.37 | 39.30 | 38.39 | 39.58 | 39.05 | 39.40 | 39.37 | 39.32 | 38.29 |
| 1.57 | 1.47 | 1.48 | 1.34 | 1.39 | 1.40 | 1.43 | 1.50 | 1.53 | 1.49 | 1.48 | 1.56 | 1.17 |
| 15.47 | 15.47 | 15.52 | 15.56 | 15.65 | 15.97 | 15.67 | 15.72 | 16.24 | 15.21 | 15.00 | 15.92 | 16.10 |
| 15.22 | 15.26 | 14.84 | 15.34 | 15.14 | 15.20 | 16.17 | 15.20 | 15.35 | 15.50 | 15.21 | 14.67 | 17.64 |
| 0.36 | 0.40 | 0.30 | 0.40 | 0.30 | 0.29 | 0.24 | 0.28 | 0.42 | 0.40 | 0.33 | 0.30 | 0.33 |
| 14.03 | 13.97 | 14.04 | 13.90 | 14.38 | 13.86 | 13.86 | 14.01 | 13.42 | 13.82 | 13.96 | 14.24 | 13.94 |
| 0.01 | | 0.10 | 0.05 | 0.01 | | 0.23 | | 0.03 | 0.09 | 0.22 | | 0.02 |
| 0.36 | 0.40 | 0.30 | 0.40 | 0.30 | 0.29 | 0.24 | 0.28 | 0.42 | 0.40 | 0.33 | 0.30 | 0.33 |
| 9.51 | 9.48 | 9.51 | 9.59 | 9.48 | 9.74 | 8.93 | 9.48 | 9.42 | 9.72 | 9.48 | 9.48 | 7.91 |
| | | | 0.03 | 0.01 | 0.06 | | | | 0.09 | | | 0.04 |
| 0.01 | 0.07 | 0.07 | | 0.11 | 0.11 | 0.16 | | 0.08 | 0.04 | 0.08 | 0.12 | 0.02 |
| | | | 0.04 | | | 0.01 | | 0.01 | | | 0.11 | 0.08 |
| | 0.23 | 0.50 | | | | 0.68 | | 0.03 | | 0.39 | 0.25 | |
| 0.07 | | 0.10 | 0.10 | 0.06 | 0.02 | 0.03 | 0.07 | 0.10 | 0.06 | 0.06 | 0.03 | 0.09 |
| -0.02 | -0.10 | -0.23 | -0.02 | -0.01 | 0.00 | -0.29 | -0.02 | -0.04 | -0.01 | -0.18 | -0.11 | -0.02 |
| 96.17 | 96.32 | 96.00 | 96.25 | 96.19 | 96.24 | 96.04 | 96.11 | 96.10 | 96.22 | 95.90 | 96.28 | 95.96 |
| 5.834 | 5.836 | 5.823 | 5.831 | 5.800 | 5.795 | 5.730 | 5.830 | 5.771 | 5.833 | 5.853 | 5.789 | 5.688 |
| 2.166 | 2.164 | 2.177 | 2.169 | 2.200 | 2.205 | 2.270 | 2.170 | 2.229 | 2.167 | 2.147 | 2.211 | 2.312 |
| 0.522 | 0.526 | 0.537 | 0.539 | 0.518 | 0.571 | 0.486 | 0.560 | 0.601 | 0.486 | 0.482 | 0.552 | 0.507 |
| 0.175 | 0.163 | 0.165 | 0.149 | 0.154 | 0.155 | 0.161 | 0.166 | 0.170 | 0.166 | 0.165 | 0.172 | 0.131 |
| 0.001 | 0.008 | 0.008 | | 0.012 | 0.012 | 0.019 | | 0.009 | 0.004 | 0.009 | 0.013 | 0.002 |
| 1.876 | 1.883 | 1.842 | 1.894 | 1.865 | 1.874 | 2.018 | 1.872 | 1.897 | 1.920 | 1.891 | 1.806 | 2.192 |
| 0.044 | 0.050 | 0.037 | 0.050 | 0.037 | 0.036 | 0.030 | 0.035 | 0.053 | 0.051 | 0.041 | 0.037 | 0.041 |
| 3.082 | 3.072 | 3.104 | 3.059 | 3.158 | 3.047 | 3.084 | 3.076 | 2.957 | 3.051 | 3.093 | 3.125 | 3.087 |
| | | | 0.005 | | | 0.001 | | 0.001 | | | 0.013 | 0.009 |
| 0.002 | | 0.015 | 0.008 | 0.002 | | 0.037 | | 0.005 | 0.014 | 0.035 | | 0.003 |
| 0.102 | 0.115 | 0.086 | 0.115 | 0.085 | 0.082 | 0.069 | 0.080 | 0.121 | 0.116 | 0.094 | 0.085 | 0.094 |
| 1.789 | 1.785 | 1.800 | 1.806 | 1.782 | 1.832 | 1.700 | 1.780 | 1.775 | 1.836 | 1.799 | 1.781 | 1.499 |
| 10 500 | 10.000 | 10 50 4 | 0.002 | 0.001 | 0.003 | 10.000 | | 10 500 | 0.005 | 10,000 | 10 50 4 | 0.002 |
| 19.592 | 19.602 | 19.594 | 19.627 | 19.614 | 19.613 | 19.606 | 19.569 | 19.588 | 19.649 | 19.609 | 19.584 | 19.567 |
| 3.983 | 3.893 | 3.740 | 3.975 | 3.985 | 3.995 | 3.671 | 3.983 | 3.961 | 3.985 | 3.802 | 3.876 | 3.977 |
| 0.015 | 0.107 | 0.235 | 0.005 | 0.01 - | 0.005 | 0.321 | 0.015 | 0.014 | 0.01.5 | 0.183 | 0.116 | 0.000 |
| 0.017 | 1.044 | 0.025 | 0.025 | 0.015 | 0.005 | 0.008 | 0.017 | 0.025 | 0.015 | 0.015 | 0.007 | 0.023 |
| 1.045 | 1.044 | 0.998 | 1.034 | 1.011 | 1.001 | 0.863 | 1.046 | 0.963 | 1.021 | 1.020 | 1.003 | 0.843 |
| 0.224 | 0.241 | 0.253 | 0.276 | 0.180 | 0.267 | 0.070 | 0.224 | 0.256 | 0.279 | 0.274 | 0.197 | 400 |
| 613 | 570 | 586 | 515 | 547 | 541 | 543 | 582 | 581 | 572 | 579 | 619 | 400 |
| 1.61 | 1.62 | 1.70 | 1.68 | 1.70 | 1.88 | 1.82 | 1.74 | 2.04 | 1.51 | 1.44 | 1.84 | 2.01 |
| 769 | 800 | 797 | 773 | 7/1 | 785 | 809 | 77/0 | /84 | 772 | 792 | /98 | 7/60 |
| 4.11 | 5.03 | 5.08 | 4.23 | 4.97 | 6.08 | 5.33 | 5.47 | 4.29 | 3.7 | 4.05 | 5.52 | 3.79 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600P | SOS-600Q | SOS-600Q |
| С | В | С | В | С | В | С | В | С | С | В | С | Ι |
| 39.40 | 39.72 | 39.40 | 39.26 | 39.12 | 39.07 | 38.25 | 39.24 | 38.23 | 39.41 | 39.72 | 39.46 | 39.46 |
| 1.61 | 1.37 | 1.56 | 1.40 | 1.58 | 1.63 | 1.44 | 1.34 | 1.53 | 1.34 | 1.48 | 1.44 | 1.34 |
| 15.95 | 15.79 | 15.51 | 15.55 | 15.25 | 15.44 | 15.58 | 16.11 | 15.16 | 15.50 | 15.55 | 15.74 | 16.03 |
| 14.74 | 14.36 | 15.03 | 15.17 | 15.51 | 16.04 | 15.65 | 14.39 | 16.94 | 15.46 | 14.72 | 13.34 | 14.30 |
| 0.28 | 0.36 | 0.32 | 0.33 | 0.29 | 0.33 | 0.36 | 0.40 | 0.34 | 0.36 | 0.44 | 0.19 | 0.10 |
| 14.02 | 14.68 | 14.17 | 14.04 | 14.07 | 14.05 | 14.14 | 14.26 | 13.23 | 13.84 | 14.07 | 14.88 | 13.92 |
| | 0.02 | 0.09 | 0.19 | 0.04 | 0.01 | 0.06 | 0.22 | 0.40 | 0.12 | 0.14 | | |
| 0.28 | 0.36 | 0.32 | 0.33 | 0.29 | 0.33 | 0.36 | 0.40 | 0.34 | 0.36 | 0.44 | | |
| 9.51 | 9.31 | 9.58 | 9.49 | 9.75 | 9.22 | 8.74 | 9.24 | 9.27 | 9.63 | 9.42 | 9.41 | 9.22 |
| 0.19 | | | 0.25 | | | 1.36 | | | | | | |
| 0.03 | 0.13 | 0.10 | 0.18 | 0.02 | 0.06 | 0.16 | 0.17 | 0.20 | | | | |
| | | 0.05 | | 0.05 | | 0.16 | 0.02 | | | 0.05 | | |
| | 0.09 | | | 0.03 | | 0.01 | 0.35 | 0.42 | 0.15 | | 1.60 | 1.52 |
| | | 0.01 | | 0.04 | | 0.01 | 0.08 | 0.07 | 0.02 | 0.11 | | 0.10 |
| | -0.04 | 0.00 | | -0.02 | | -0.01 | -0.17 | -0.19 | -0.07 | -0.02 | -0.67 | -0.66 |
| 96.00 | 96.21 | 96.13 | 96.20 | 96.05 | 96.17 | 96.27 | 96.23 | 96.13 | 96.21 | 96.14 | 96.06 | 95.99 |
| 5.805 | 5.822 | 5.809 | 5.800 | 5.800 | 5.776 | 5.704 | 5.780 | 5.735 | 5.828 | 5.847 | 5.849 | 5.867 |
| 2.195 | 2.178 | 2.191 | 2.200 | 2.200 | 2.224 | 2.296 | 2.220 | 2.265 | 2.172 | 2.153 | 2.151 | 2.133 |
| 0.574 | 0.550 | 0.505 | 0.508 | 0.465 | 0.467 | 0.443 | 0.577 | 0.416 | 0.531 | 0.545 | 0.599 | 0.677 |
| 0.179 | 0.151 | 0.174 | 0.156 | 0.177 | 0.181 | 0.162 | 0.149 | 0.172 | 0.149 | 0.164 | 0.161 | 0.150 |
| 0.003 | 0.016 | 0.011 | 0.021 | 0.002 | 0.007 | 0.019 | 0.020 | 0.024 | | | | |
| 1.816 | 1.760 | 1.854 | 1.874 | 1.924 | 1.983 | 1.952 | 1.773 | 2.126 | 1.912 | 1.812 | 1.654 | 1.779 |
| 0.035 | 0.045 | 0.040 | 0.041 | 0.036 | 0.041 | 0.045 | 0.050 | 0.043 | 0.046 | 0.055 | 0.024 | 0.012 |
| 3.078 | 3.207 | 3.114 | 3.093 | 3.110 | 3.097 | 3.144 | 3.131 | 2.959 | 3.052 | 3.089 | 3.288 | 3.086 |
| | | 0.006 | | 0.006 | | 0.020 | 0.002 | | | 0.006 | | |
| | 0.003 | 0.014 | 0.030 | 0.006 | 0.002 | 0.009 | 0.035 | 0.065 | 0.020 | 0.023 | | |
| 0.080 | 0.104 | 0.091 | 0.093 | 0.083 | 0.094 | 0.103 | 0.115 | 0.098 | 0.105 | 0.126 | | |
| 1.788 | 1.741 | 1.802 | 1.789 | 1.844 | 1.738 | 1.662 | 1.737 | 1.775 | 1.816 | 1.768 | 1.779 | 1.748 |
| 0.011 | | | 0.014 | | | 0.080 | | | | | | |
| 19.564 | 19.577 | 19.610 | 19.621 | 19.653 | 19.609 | 19.638 | 19.589 | 19.677 | 19.631 | 19.587 | 19.505 | 19.452 |
| 4.000 | 3.958 | 3.998 | 4.000 | 3.976 | 4.000 | 3.993 | 3.817 | 3.783 | 3.925 | 3.973 | 3.250 | 3.260 |
| | 0.042 | | | 0.014 | | 0.005 | 0.163 | 0.199 | 0.070 | | 0.750 | 0.715 |
| | | 0.002 | | 0.010 | | 0.003 | 0.020 | 0.018 | 0.005 | 0.027 | | 0.025 |
| 1.016 | 1.064 | 1.017 | 0.997 | 0.977 | 0.966 | 0.838 | 0.990 | 0.840 | 1.022 | 1.067 | 1.032 | 1.035 |
| 0.243 | 0.213 | 0.220 | 0.270 | 0.185 | 0.075 | 0.098 | 0.266 | 0.158 | 0.286 | 0.296 | 0.202 | 0.261 |
| 636 | 557 | 615 | 546 | 615 | 622 | 561 | 539 | 560 | 512 | 585 | 619 | 539 |
| 1.86 | 1.74 | 1.64 | 1.68 | 1.55 | 1.62 | 1.77 | 1.95 | 1.59 | 1.66 | 1.65 | 1.80 | 1.98 |
| 806 | 801 | 791 | 801 | 786 | 790 | 773 | 790 | 791 | 788 | 773 | 886 | 852 |
| 6.73 | 5.25 | 5.44 | 5.76 | 4.6 | 5.01 | 3.97 | 4.51 | 4.47 | 4.71 | 3.91 | 8.15 | 7.27 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600Q |
| I | В | C | Ι | Ι | В | C | Ι | C | В | C | В | C |
| 39.84 | 40.13 | 39.17 | 39.55 | 39.46 | 39.26 | 39.46 | 39.26 | 39.10 | 39.27 | 39.30 | 38.93 | 38.71 |
| 1.73 | 1.73 | 1.44 | 1.44 | 1.44 | 1.44 | 1.34 | 1.34 | 1.59 | 1.59 | 1.14 | 1.28 | 1.16 |
| 15.94 | 17.76 | 15.46 | 15.84 | 15.84 | 15.65 | 15.74 | 15.36 | 15.53 | 16.31 | 15.81 | 16.06 | 15.82 |
| 13.34 | 11.71 | 14.78 | 14.40 | 14.40 | 14.21 | 15.36 | 14.98 | 14.52 | 14.05 | 15.20 | 15.31 | 16.17 |
| 0.19 | 0.10 | 0.10 | 0.10 | 0.19 | 0.19 | 0.10 | 0.29 | 0.10 | 0.16 | 0.24 | 0.24 | 0.24 |
| 14.78 | 13.92 | 14.30 | 14.50 | 14.11 | 14.11 | 14.02 | 14.02 | 14.41 | 14.19 | 13.89 | 13.20 | 13.82 |
| | | | | | | | | 0.15 | 0.10 | 0.01 | 0.07 | 0.05 |
| | | | | | | | | 0.26 | 0.43 | 0.12 | 0.33 | 0.17 |
| 9.60 | 9.50 | 9.50 | 9.60 | 9.60 | 9.70 | 9.60 | 9.70 | 9.93 | 9.27 | 9.67 | 9.96 | 9.68 |
| | | | | | | | | 0.09 | 0.06 | | | 0.11 |
| | | | | | | | | 0.02 | 0.09 | 0.04 | 0.04 | 0111 |
| 0.80 | 1.10 | 1.30 | 0.50 | 1.00 | 1.60 | 0.50 | 1.10 | 0.28 | 0.49 | 0.53 | 0.60 | |
| | 0.10 | 0.10 | | | | 0.10 | | 0.03 | 0.01 | 0.09 | 0.03 | 0.07 |
| -0.34 | -0.49 | -0.57 | -0.21 | -0.42 | -0.67 | -0.23 | -0.46 | -0.12 | -0.21 | -0.24 | -0.26 | -0.02 |
| 96.22 | 96.05 | 96.15 | 95.92 | 96.04 | 96.16 | 96.22 | 96.04 | 96.01 | 96.03 | 96.04 | 96.04 | 95.99 |
| 5.846 | 5.849 | 5.836 | 5.835 | 5.847 | 5.851 | 5.837 | 5.854 | 5.787 | 5.783 | 5.833 | 5.801 | 5.755 |
| 2.154 | 2.151 | 2.164 | 2.165 | 2.153 | 2.149 | 2.163 | 2.146 | 2.213 | 2.217 | 2.167 | 2.199 | 2.245 |
| 0.602 | 0.900 | 0.550 | 0.589 | 0.614 | 0.600 | 0.582 | 0.554 | 0.497 | 0.614 | 0.599 | 0.622 | 0.527 |
| 0.191 | 0.189 | 0.161 | 0.160 | 0.160 | 0.161 | 0.150 | 0.151 | 0.177 | 0.176 | 0.128 | 0.143 | 0.130 |
| | | | | | | | | 0.010 | 0.007 | | | 0.012 |
| 1.637 | 1.428 | 1.842 | 1.777 | 1.785 | 1.771 | 1.900 | 1.867 | 1.798 | 1.731 | 1.886 | 1.908 | 2.010 |
| 0.024 | 0.012 | 0.012 | 0.012 | 0.024 | 0.024 | 0.012 | 0.036 | 0.012 | 0.020 | 0.030 | 0.030 | 0.030 |
| 3.234 | 3.024 | 3.177 | 3.188 | 3.118 | 3.135 | 3.091 | 3.115 | 3.179 | 3.115 | 3.073 | 2.932 | 3.064 |
| | | | | | | | | 0.002 | 0.010 | 0.005 | 0.005 | |
| | | | | | | | | 0.024 | 0.015 | 0.002 | 0.011 | 0.008 |
| | | | | | | | | 0.074 | 0.123 | 0.036 | 0.094 | 0.050 |
| 1.797 | 1.767 | 1.806 | 1.806 | 1.815 | 1.843 | 1.811 | 1.844 | 1.874 | 1.742 | 1.830 | 1.894 | 1.835 |
| 19.484 | 19.320 | 19.549 | 19.532 | 19.516 | 19.534 | 19.547 | 19.567 | 19.649 | 19.554 | 19.589 | 19.640 | 19.666 |
| 3.629 | 3.468 | 3.362 | 3.767 | 3.531 | 3.246 | 3.741 | 3.481 | 3.861 | 3.769 | 3.729 | 3.710 | 3.982 |
| 0.371 | 0.507 | 0.613 | 0.233 | 0.469 | 0.754 | 0.234 | 0.519 | 0.131 | 0.228 | 0.249 | 0.283 | |
| | 0.025 | 0.025 | | | | 0.025 | | 0.008 | 0.002 | 0.023 | 0.008 | 0.018 |
| 1.083 | 1.122 | 0.990 | 1.042 | 1.031 | 1.006 | 1.030 | 1.006 | 0.972 | 0.995 | 1.008 | 0.950 | 0.912 |
| 0.218 | 0.458 | 0.172 | 0.206 | 0.247 | 0.263 | 0.206 | 0.225 | 0.261 | 0.268 | 0.270 | 0.385 | 0.173 |
| 719 | 737 | 580 | 585 | 580 | 587 | 518 | 530 | 643 | 645 | 423 | 476 | 416 |
| 1.82 | 2.71 | 1.69 | 1.82 | 1.85 | 1.80 | 1.79 | 1.65 | 1.68 | 2.05 | 1.85 | 2.02 | 1.87 |
| 882 | 863 | 861 | 871 | 868 | 880 | 841 | 843 | 841 | 828 | 805 | 835 | 782 |
| 9.37 | 9.73 | 8.12 | 10.42 | 8.57 | 8.69 | 8.44 | 6.67 | 9.14 | 6.5 | 6.13 | 7.95 | 5.81 |

| ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME | ME |
|----------|----------|----------|-------------|----------|----------|----------|----------|----------|-------------|-------------|----------|----------------|
| SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q | SOS-600Q |
| В | С | В | С | В | С | В | С | В | С | В | С | В |
| 39.54 | 38.83 | 39.14 | 39.30 | 39.21 | 39.51 | 38.58 | 38.86 | 38.47 | 39.24 | 38.97 | 38.76 | 39.47 |
| 1.23 | 1.27 | 1.31 | 1.51 | 1.53 | 1.48 | 1.32 | 1.42 | 1.66 | 1.42 | 1.37 | 1.66 | 1.57 |
| 16.21 | 15.53 | 15.81 | 15.33 | 15.09 | 15.89 | 16.12 | 14.61 | 14.66 | 14.98 | 14.96 | 15.39 | 15.72 |
| 15.72 | 16.26 | 15.33 | 15.30 | 15.29 | 14.07 | 17.50 | 16.39 | 16.11 | 15.40 | 15.28 | 15.18 | 14.07 |
| 0.42 | 0.36 | 0.30 | 0.31 | 0.36 | 0.18 | 0.22 | 0.34 | 0.22 | 0.15 | 0.30 | 0.36 | 0.29 |
| 12.32 | 13.31 | 13.57 | 14.19 | 14.30 | 14.56 | 13.20 | 14.08 | 13.86 | 14.26 | 14.47 | 13.88 | 14.38 |
| 0.10 | | 0.02 | 0.04 | 0.13 | 0.06 | 0.10 | 0.13 | 0.28 | | 0.05 | 0.28 | 0.05 |
| 0.33 | 0.45 | 0.13 | 0.14 | 0.14 | 0.27 | 0.34 | 0.19 | 0.26 | 0.17 | 0.16 | 0.32 | 0.12 |
| 9.48 | 9.69 | 10.03 | 9.72 | 9.59 | 9.20 | 8.32 | 9.82 | 9.60 | 9.77 | 9.33 | 9.84 | 10.01 |
| | | | | | | | | | | | | |
| 0.07 | | 0.14 | | 0.05 | | 0.10 | 0.14 | 0.20 | 0.05 | 0.11 | 0.20 | 0.02 |
| | 0.01 | | 0.02 | | 0.08 | | | | | 0.07 | 0.11 | |
| 0.58 | 0.24 | 0.23 | 0.36 | 0.27 | 0.66 | 0.14 | | 0.71 | 0.55 | 0.91 | | 0.27 |
| 0.02 | 0.04 | | 0.09 | 0.05 | 0.06 | 0.07 | 0.02 | 0.02 | 0.02 | 0.06 | 0.05 | 0.04 |
| -0.25 | -0.11 | -0.10 | -0.17 | -0.12 | -0.29 | -0.07 | 0.00 | -0.30 | -0.24 | -0.40 | -0.01 | -0.12 |
| 96.01 | 95.99 | 96.02 | 96.31 | 96.01 | 96.02 | 96.01 | 96.01 | 96.05 | 96.01 | 96.03 | 96.02 | 96.02 |
| 5.877 | 5.796 | 5.809 | 5.819 | 5.818 | 5.825 | 5.735 | 5.799 | 5.773 | 5.841 | 5.817 | 5.757 | 5.822 |
| 2.123 | 2.204 | 2.191 | 2.181 | 2.182 | 2.175 | 2.265 | 2.201 | 2.227 | 2.159 | 2.183 | 2.243 | 2.178 |
| 0.718 | 0.528 | 0.575 | 0.495 | 0.457 | 0.586 | 0.559 | 0.368 | 0.367 | 0.468 | 0.448 | 0.451 | 0.556 |
| 0.137 | 0.142 | 0.146 | 0.168 | 0.170 | 0.164 | 0.148 | 0.159 | 0.187 | 0.159 | 0.154 | 0.186 | 0.175 |
| 0.008 | | 0.017 | | 0.006 | | 0.011 | 0.017 | 0.024 | 0.006 | 0.012 | 0.024 | 0.002 |
| 1.955 | 2.030 | 1.903 | 1.895 | 1.898 | 1.735 | 2.176 | 2.045 | 2.022 | 1.917 | 1.908 | 1.885 | 1.736 |
| 0.053 | 0.046 | 0.037 | 0.039 | 0.045 | 0.023 | 0.028 | 0.042 | 0.028 | 0.019 | 0.038 | 0.045 | 0.036 |
| 2.729 | 2.960 | 3.003 | 3.132 | 3.164 | 3.201 | 2.925 | 3.133 | 3.101 | 3.163 | 3.219 | 3.073 | 3.162 |
| | 0.001 | | 0.002 | | 0.009 | | | | | 0.008 | 0.013 | |
| 0.015 | | 0.003 | 0.006 | 0.021 | 0.009 | 0.015 | 0.021 | 0.045 | | 0.008 | 0.044 | 0.008 |
| 0.094 | 0.131 | 0.039 | 0.041 | 0.041 | 0.077 | 0.097 | 0.056 | 0.075 | 0.050 | 0.047 | 0.091 | 0.036 |
| 1.796 | 1.844 | 1.899 | 1.835 | 1.815 | 1.729 | 1.578 | 1.869 | 1.838 | 1.855 | 1.777 | 1.864 | 1.884 |
| 10 506 | 10 692 | 10 622 | 10 612 | 10 6 1 9 | 10 522 | 10 527 | 10 711 | 10 697 | 10 626 | 10 610 | 10 676 | 10 505 |
| 19.300 | 19.085 | 19.023 | 19.013 | 19.018 | 19.333 | 19.337 | 19./11 | 19.08/ | 19.030 | 19.019 | 19.070 | 19.393 |
| 5.722 | 5.0// | 5.692 | 5.809 | 5.801 | 5.0// | 5.917 | 5.995 | 5.038 | 5.750 | 5.555 | 5.987 | 5.804 0.126 |
| 0.275 | 0.115 | 0.108 | 0.109 | 0.127 | 0.508 | 0.000 | 0.005 | 0.557 | 0.239 | 0.430 | 0.012 | 0.120 |
| 0.003 | 0.010 | 0.081 | 0.023 | 0.013 | 0.013 | 0.018 | 0.003 | 0.003 | 0.003 | 0.013 | 0.015 | 0.010 |
| 1.049 | 0.930 | 0.981 | 1.003 | 0.992 | 1.030 | 0.891 | 0.940 | 0.880 | 1.001 | 0.938 | 0.920 | 1.028 |
| 0.400 | 0.20/ | 0.508 | 0.182 | 0.101 | 0.211 | 0.009 | 0.130 | 0.149 | 0.190 | <u> </u> | 0.247 | 0.281 |
| 420 | 438 | 494 | 591 1 59 | 002 | 009 | 402 | 539 | 030 | 558 1.42 | 540 1 44 | 04/ | 043 |
| 2.08 | 1./3 | 1.85 | 1.58 | 1.4/ | 1.84 | 2.03 | 1.20 | 1.33 | 1.43 | 1.44 | 1.03 | 1./5 |
| 805 | /85 | 841 | 801 | /93 | 821 | /68 | /81 | 835 | 830 | 809 | /82 | 838 |
| 4.57 | 4.53 | 9.53 | 4.57 | 5.94 | 5.77 | 4.57 | 4.43 | 5.5 | 6.68 | 5.51 | 4.92 | 8.23 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600Q |
| C | В | С | В | С | В | С | В | С | В | С | В | С |
| 38.94 | 39.18 | 39.61 | 39.40 | 37.41 | 38.87 | 39.43 | 38.55 | 39.64 | 39.28 | 39.14 | 39.27 | 39.30 |
| 1.48 | 1.65 | 1.55 | 1.47 | 1.37 | 1.43 | 1.62 | 1.52 | 1.14 | 1.62 | 1.34 | 1.63 | 1.44 |
| 15.02 | 15.13 | 15.31 | 15.39 | 14.27 | 14.95 | 15.51 | 14.84 | 14.84 | 15.20 | 14.97 | 15.48 | 15.11 |
| 15.94 | 15.26 | 14.98 | 15.32 | 15.35 | 15.32 | 14.82 | 16.09 | 14.95 | 14.35 | 15.00 | 15.08 | 14.79 |
| 0.35 | 0.36 | 0.27 | 0.26 | 0.30 | 0.33 | 0.29 | 0.20 | 0.39 | 0.36 | 0.37 | 0.22 | 0.36 |
| 13.88 | 13.85 | 14.24 | 14.09 | 13.52 | 14.24 | 14.04 | 13.56 | 14.99 | 14.59 | 14.70 | 14.03 | 14.27 |
| 0.10 | | 0.02 | 0.12 | 2.00 | 0.07 | 0.03 | 0.35 | | | 0.06 | 0.16 | 0.10 |
| 0.20 | 0.08 | 0.02 | 0.14 | 0.78 | 0.07 | 0.13 | 0.20 | 0.17 | 0.38 | 0.20 | 0.11 | |
| 9.87 | 9.82 | 9.50 | 9.70 | 9.86 | 9.75 | 9.95 | 10.25 | 9.87 | 9.65 | 9.42 | 9.93 | 9.69 |
| | | | | | | | | | | | | |
| 0.06 | 0.13 | 0.10 | 0.03 | 0.17 | 0.06 | | 0.16 | | | 0.04 | 0.06 | |
| | | | 0.05 | 0.13 | 0.02 | | 0.02 | | | | 0.03 | |
| 0.16 | 0.56 | 0.35 | | 0.61 | 0.89 | 0.16 | 0.21 | | 0.54 | 0.77 | | 0.96 |
| 0.03 | 0.01 | 0.08 | 0.03 | 0.23 | 0.05 | 0.03 | 0.06 | | 0.05 | | | 0.03 |
| -0.07 | -0.24 | -0.17 | -0.01 | -0.31 | -0.39 | -0.07 | -0.10 | | -0.24 | -0.32 | | -0.41 |
| 96.02 | 96.03 | 96.02 | 95.99 | 96.00 | 96.04 | 96.02 | 96.01 | 95.99 | 96.02 | 96.01 | 96.00 | 96.04 |
| 5.802 | 5.831 | 5.856 | 5.826 | 5.682 | 5.814 | 5.829 | 5.779 | 5.858 | 5.821 | 5.824 | 5.807 | 5.854 |
| 2.198 | 2.169 | 2.144 | 2.174 | 2.318 | 2.186 | 2.171 | 2.221 | 2.142 | 2.179 | 2.176 | 2.193 | 2.146 |
| 0.441 | 0.486 | 0.524 | 0.508 | 0.236 | 0.450 | 0.533 | 0.401 | 0.443 | 0.476 | 0.449 | 0.506 | 0.507 |
| 0.166 | 0.185 | 0.172 | 0.163 | 0.157 | 0.161 | 0.180 | 0.171 | 0.127 | 0.181 | 0.150 | 0.181 | 0.161 |
| 0.007 | 0.016 | 0.011 | 0.003 | 0.021 | 0.007 | | 0.019 | | | 0.005 | 0.007 | |
| 1.986 | 1.900 | 1.852 | 1.895 | 1.950 | 1.917 | 1.833 | 2.017 | 1.847 | 1.779 | 1.867 | 1.865 | 1.843 |
| 0.044 | 0.045 | 0.034 | 0.032 | 0.038 | 0.041 | 0.036 | 0.026 | 0.049 | 0.045 | 0.047 | 0.028 | 0.045 |
| 3.084 | 3.074 | 3.138 | 3.107 | 3.060 | 3.175 | 3.095 | 3.029 | 3.301 | 3.223 | 3.260 | 3.091 | 3.167 |
| | | | 0.006 | 0.016 | 0.002 | | 0.002 | | | | 0.003 | |
| 0.015 | | 0.003 | 0.018 | 0.325 | 0.011 | 0.005 | 0.056 | | | 0.009 | 0.026 | 0.015 |
| 0.058 | 0.022 | 0.006 | 0.041 | 0.229 | 0.019 | 0.039 | 0.059 | 0.050 | 0.110 | 0.058 | 0.030 | |
| 1.876 | 1.865 | 1.792 | 1.829 | 1.910 | 1.861 | 1.876 | 1.960 | 1.860 | 1.824 | 1.787 | 1.872 | 1.840 |
| | | | | | | | | | | | | |
| 19.676 | 19.592 | 19.531 | 19.603 | 19.943 | 19.644 | 19.596 | 19.739 | 19.678 | 19.638 | 19.634 | 19.610 | 19.579 |
| 3.917 | 3.734 | 3.816 | 3.992 | 3.648 | 3.566 | 3.918 | 3.885 | 4.000 | 3.734 | 3.638 | 4.000 | 3.540 |
| 0.075 | 0.264 | 0.164 | | 0.293 | 0.421 | 0.075 | 0.100 | | 0.253 | 0.362 | | 0.452 |
| 0.008 | 0.003 | 0.020 | 0.008 | 0.059 | 0.013 | 0.008 | 0.015 | | 0.013 | | | 0.008 |
| 0.952 | 0.990 | 1.054 | 1.020 | 0.712 | 0.944 | 1.024 | 0.894 | 1.058 | 1.003 | 0.984 | 0.999 | 1.011 |
| 0.192 | 0.196 | 0.175 | 0.218 | 0.645 | 0.155 | 0.254 | 0.293 | 0.188 | 0.207 | 0.127 | 0.245 | 0.207 |
| 566 | 642 | 612 | 573 | 536 | 567 | 640 | 576 | 447 | 662 | 541 | 638 | 578 |
| 1.47 | 1.51 | 1.55 | 1.60 | 1.21 | 1.46 | 1.66 | 1.41 | 1.30 | 1.51 | 1.42 | 1.65 | 1.51 |
| 795 | 826 | 816 | 786 | 804 | 825 | 820 | 831 | 797 | 804 | 823 | 830 | 827 |
| 4.97 | 5.5 | 5.43 | 5.13 | 5.74 | 4.72 | 7.15 | 9.08 | 5.55 | 3.92 | 4.02 | 9.23 | 4.79 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600Q |
| В | С | В | С | В | С | В | С | В | С | В | С | В |
| 39.10 | 39.11 | 39.57 | 39.36 | 39.24 | 39.21 | 38.72 | 39.10 | 39.57 | 39.48 | 38.96 | 39.02 | 39.77 |
| 1.39 | 1.66 | 1.20 | 1.47 | 1.51 | 1.68 | 1.72 | 1.77 | 1.86 | 1.67 | 1.80 | 1.52 | 1.51 |
| 15.00 | 14.54 | 15.00 | 14.91 | 15.26 | 15.46 | 14.85 | 15.53 | 14.97 | 15.20 | 15.24 | 15.15 | 15.22 |
| 15.95 | 15.15 | 14.58 | 16.29 | 14.75 | 14.84 | 16.53 | 14.61 | 14.42 | 14.65 | 14.64 | 14.71 | 14.13 |
| 0.38 | 0.19 | 0.49 | 0.28 | 0.19 | 0.36 | 0.14 | 0.23 | 0.12 | 0.23 | 0.21 | 0.21 | 0.25 |
| 14.17 | 14.71 | 14.89 | 14.47 | 15.06 | 14.57 | 13.80 | 14.71 | 14.34 | 14.62 | 14.30 | 14.69 | 14.64 |
| | 0.06 | 0.02 | 0.05 | 0.13 | 0.03 | 0.27 | 0.09 | 0.26 | 0.03 | 0.19 | 0.40 | 0.07 |
| 0.06 | 0.10 | 0.07 | 0.07 | 0.23 | 0.04 | 0.06 | 0.01 | 0.15 | 0.11 | 0.16 | 0.44 | 0.17 |
| 9.85 | 9.72 | 9.67 | 9.01 | 9.49 | 9.72 | 9.65 | 9.72 | 9.54 | 9.72 | 9.82 | 9.78 | 9.41 |
| | 0.02 | | 0.05 | 0.01 | 0.07 | 0.13 | | 0.03 | | 0.04 | | 0.04 |
| | | 0.07 | | | | 0.11 | | 0.12 | 0.01 | | | 0.02 |
| | 0.75 | 0.46 | | 0.09 | | | 0.23 | 0.26 | 0.24 | 0.65 | | 0.79 |
| 0.09 | 0.02 | 0.01 | 0.06 | 0.03 | 0.03 | 0.03 | | 0.07 | 0.06 | 0.01 | 0.07 | 0.01 |
| -0.02 | -0.32 | -0.20 | -0.01 | -0.04 | -0.01 | -0.01 | -0.10 | -0.13 | -0.11 | -0.28 | -0.02 | -0.33 |
| 95.98 | 96.02 | 96.03 | 96.01 | 96.00 | 96.00 | 96.01 | 96.00 | 95.72 | 96.02 | 96.02 | 95.99 | 96.02 |
| 5.815 | 5.831 | 5.859 | 5.826 | 5.790 | 5.787 | 5.773 | 5.775 | 5.859 | 5.832 | 5.792 | 5.778 | 5.878 |
| 2.185 | 2.169 | 2.141 | 2.174 | 2.210 | 2.213 | 2.227 | 2.225 | 2.141 | 2.168 | 2.208 | 2.222 | 2.122 |
| 0.444 | 0.387 | 0.478 | 0.427 | 0.444 | 0.476 | 0.383 | 0.479 | 0.471 | 0.478 | 0.462 | 0.422 | 0.528 |
| 0.156 | 0.186 | 0.134 | 0.163 | 0.167 | 0.186 | 0.193 | 0.196 | 0.207 | 0.186 | 0.201 | 0.169 | 0.168 |
| | 0.002 | | 0.006 | 0.001 | 0.008 | 0.016 | | 0.003 | | 0.005 | | 0.004 |
| 1.983 | 1.889 | 1.806 | 2.017 | 1.819 | 1.832 | 2.061 | 1.805 | 1.785 | 1.810 | 1.820 | 1.821 | 1.747 |
| 0.048 | 0.024 | 0.061 | 0.035 | 0.024 | 0.046 | 0.018 | 0.029 | 0.016 | 0.029 | 0.027 | 0.026 | 0.031 |
| 3.141 | 3.269 | 3.286 | 3.192 | 3.312 | 3.206 | 3.068 | 3.238 | 3.166 | 3.219 | 3.170 | 3.242 | 3.225 |
| | | 0.008 | | | | 0.013 | | 0.014 | 0.001 | | | 0.002 |
| | 0.009 | 0.003 | 0.008 | 0.021 | 0.005 | 0.043 | 0.014 | 0.041 | 0.005 | 0.031 | 0.064 | 0.011 |
| 0.017 | 0.028 | 0.019 | 0.019 | 0.066 | 0.011 | 0.017 | 0.003 | 0.044 | 0.030 | 0.047 | 0.127 | 0.050 |
| 1.868 | 1.848 | 1.826 | 1.702 | 1.787 | 1.829 | 1.835 | 1.832 | 1.802 | 1.832 | 1.862 | 1.847 | 1.773 |
| 19.657 | 19.641 | 19.621 | 19.568 | 19.642 | 19.598 | 19.647 | 19.595 | 19.549 | 19.590 | 19.625 | 19.718 | 19.539 |
| 3.977 | 3.641 | 3.782 | 3.985 | 3.951 | 3.992 | 3.992 | 3.893 | 3.861 | 3.873 | 3.692 | 3.982 | 3.628 |
| | 0.354 | 0.215 | | 0.042 | | | 0.107 | 0.122 | 0.112 | 0.306 | | 0.369 |
| 0.023 | 0.005 | 0.003 | 0.015 | 0.008 | 0.008 | 0.008 | | 0.018 | 0.015 | 0.003 | 0.018 | 0.003 |
| 0.977 | 0.981 | 1.049 | 1.014 | 0.992 | 0.987 | 0.916 | 0.970 | 1.049 | 1.033 | 0.953 | 0.960 | 1.080 |
| 0.129 | 0.102 | 0.168 | | 0.116 | 0.107 | 0.099 | 0.103 | 0.234 | 0.163 | 0.205 | 0.269 | 0.227 |
| 534 | 666 | 483 | 563 | 617 | 670 | 645 | 707 | 737 | 672 | 712 | 616 | 622 |
| 1.43 | 1.21 | 1.40 | 1.35 | 1.51 | 1.62 | 1.38 | 1.66 | 1.38 | 1.49 | 1.56 | 1.48 | 1.50 |
| 789 | 850 | 805 | 778 | 812 | 794 | 799 | 854 | 828 | 820 | 866 | 792 | 835 |
| 4.41 | 6.3 | 4.13 | 3.54 | 5.92 | 4.61 | 6.82 | 8.16 | 6.49 | 5.03 | 7.37 | 5.59 | 5.59 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600Q | SOS-600Q | SOS-600R |
| C | В | С | В | С | В | С | В | С | С | С | В | С |
| 39.40 | 38.65 | 39.74 | 39.46 | 38.78 | 39.46 | 38.78 | 39.17 | 39.17 | 39.94 | 38.30 | 39.07 | 39.07 |
| 1.41 | 1.50 | 1.34 | 1.25 | 1.25 | 1.34 | 1.44 | 1.25 | 1.25 | 1.34 | 1.44 | 1.44 | 1.44 |
| 15.24 | 15.40 | 16.99 | 16.22 | 15.65 | 16.13 | 16.32 | 16.32 | 16.32 | 16.32 | 15.36 | 16.03 | 15.94 |
| 14.91 | 15.87 | 14.11 | 14.88 | 15.84 | 15.26 | 15.65 | 15.26 | 15.26 | 14.78 | 16.70 | 14.78 | 15.07 |
| 0.27 | 0.25 | 0.29 | 0.19 | 0.19 | 0.29 | 0.29 | 0.19 | 0.29 | 0.19 | 0.29 | 0.19 | 0.29 |
| 14.55 | 14.91 | 14.30 | 14.11 | 13.63 | 14.11 | 13.34 | 13.92 | 13.82 | 13.92 | 13.73 | 14.11 | 13.63 |
| 0.09 | 0.08 | | | | | | | | | | | |
| 0.38 | 0.26 | | | | | | | | | | | |
| 9.63 | 8.78 | 9.31 | 9.70 | 9.60 | 9.41 | 10.08 | 9.89 | 9.89 | 9.50 | 10.08 | 9.70 | 9.79 |
| | | | | | | | | | | | | |
| 0.05 | 0.04 | | | | | | | | | | | |
| | 0.08 | | | | | | | | | | 0.40 | |
| 0.00 | 0.11 | 0.50 | 0.20 | 0.30 | 0.80 | 1.30 | 0.80 | 1.50 | 0.90 | 1.00 | 0.60 | 0.70 |
| 0.09 | 0.09 | 0.01 | 0.00 | 0.40 | 0.04 | | 0.04 | 0.50 | 0.00 | 0.10 | 0.05 | |
| -0.02 | -0.07 | -0.21 | -0.08 | -0.13 | -0.34 | -0.55 | -0.34 | -0.63 | -0.38 | -0.44 | -0.25 | -0.29 |
| 96.01 | 96.01 | 96.60 | 96.01 | 95.24 | 96.80 | 97.20 | 96.80 | 97.50 | 96.90 | 97.00 | 95.93 | 95.93 |
| 5.821 | 5.725 | 5.796 | 5.814 | 5.806 | 5.806 | 5.756 | 5.781 | 5.784 | 5.854 | 5.731 | 5.792 | 5.812 |
| 2.179 | 2.275 | 2.204 | 2.186 | 2.194 | 2.194 | 2.244 | 2.219 | 2.216 | 2.146 | 2.269 | 2.208 | 2.188 |
| 0.474 | 0.413 | 0.717 | 0.632 | 0.567 | 0.604 | 0.611 | 0.620 | 0.624 | 0.674 | 0.440 | 0.594 | 0.606 |
| 0.157 | 0.167 | 0.147 | 0.138 | 0.141 | 0.149 | 0.161 | 0.139 | 0.139 | 0.148 | 0.162 | 0.161 | 0.161 |
| 0.006 | 0.004 | 1 501 | 1.024 | 1.002 | 1.050 | 1.0.10 | 1.004 | 1.005 | 1.010 | 2 000 | 1.022 | 1.075 |
| 1.842 | 1.966 | 1.721 | 1.834 | 1.983 | 1.8/9 | 1.942 | 1.884 | 1.885 | 1.812 | 2.090 | 1.833 | 1.8/5 |
| 0.034 | 0.031 | 0.036 | 0.024 | 0.024 | 0.036 | 0.036 | 0.024 | 0.036 | 0.024 | 0.037 | 0.024 | 0.036 |
| 3.205 | 3.292 | 3.110 | 3.100 | 3.042 | 3.096 | 2.952 | 3.063 | 3.043 | 3.042 | 3.062 | 3.119 | 3.023 |
| 0.014 | 0.009 | | | | | | | | | | | |
| 0.014 | 0.012 | | | | | | | | | | | |
| 0.110 | 0.074 | 1 722 | 1.000 | 1.022 | 1700 | 1 000 | 1.0(2) | 1.0(2) | 1 777 | 1.024 | 1 0 2 2 | 1.050 |
| 1.815 | 1.660 | 1.732 | 1.822 | 1.855 | 1./66 | 1.908 | 1.862 | 1.862 | 1./// | 1.924 | 1.833 | 1.858 |
| 19.655 | 19.629 | 19.462 | 19.550 | 19.590 | 19.529 | 19.610 | 19.591 | 19.589 | 19.477 | 19.714 | 19.563 | 19.559 |
| 3.977 | 3.926 | 3.769 | 3.907 | 3.858 | 3.628 | 3.390 | 3.627 | 3.300 | 3.583 | 3.501 | 3.719 | 3.671 |
| | 0.052 | 0.231 | 0.093 | 0.142 | 0.372 | 0.610 | 0.373 | 0.700 | 0.417 | 0.473 | 0.281 | 0.329 |
| 0.023 | 0.023 | | | | | | | | | 0.025 | | |
| 1.019 | 0.899 | 1.062 | 1.026 | 0.931 | 1.024 | 0.923 | 0.980 | 0.981 | 1.098 | 0.851 | 0.969 | 0.972 |
| 0.225 | | 0.219 | 0.239 | 0.184 | 0.158 | 0.245 | 0.235 | 0.241 | 0.272 | 0.085 | 0.196 | 0.246 |
| 565 | 591 | 539 | 482 | 465 | 518 | 542 | 472 | 470 | 521 | 537 | 573 | 560 |
| 1.51 | 1.62 | 2.32 | 2.01 | 1.84 | 1.95 | 2.12 | 2.07 | 2.08 | 2.01 | 1.68 | 1.96 | 1.94 |
| 781 | 787 | 827 | 839 | 833 | 843 | 881 | 869 | 862 | 857 | 850 | 857 | 851 |
| 4.63 | 3.93 | 6.81 | 8.32 | 9.05 | 6.7 | 9.75 | 9.47 | 7.97 | 8.47 | 8.13 | 8.69 | 7.49 |

| ME | ME | ME | ME | ME | ME | ME |
|----------|----------|----------|----------|----------|----------|--------------|----------|----------|----------|----------|----------|----------|
| SOS-600R | SOS-600R | SOS-600R | SOS-600R | SOS-600R | SOS-600R | SOS-600R |
| В | С | В | С | В | С | В | С | В | С | В | С | В |
| 38.88 | 38.11 | 38.69 | 39.46 | 39.46 | 41.47 | 40.70 | 39.55 | 39.07 | 39.07 | 39.55 | 38.98 | 39.07 |
| 1.44 | 1.54 | 1.44 | 1.44 | 1.34 | 1.15 | 1.34 | 1.54 | 1.44 | 1.34 | 1.34 | 1.34 | 0.96 |
| 16.03 | 15.65 | 15.74 | 15.65 | 16.13 | 17.47 | 17.28 | 16.03 | 16.03 | 15.65 | 16.42 | 16.03 | 16.51 |
| 15.74 | 16.13 | 15.17 | 15.26 | 15.26 | 11.33 | 12.67 | 15.36 | 15.74 | 16.03 | 14.78 | 15.84 | 15.65 |
| 0.29 | 0.29 | 0.19 | 0.19 | 0.29 | 0.19 | 0.19 | | 0.19 | 0.29 | 0.19 | 0.29 | 0.29 |
| 13.73 | 13.44 | 13.73 | 14.30 | 13.82 | 14.98 | 14.69 | 14.02 | 14.11 | 13.63 | 14.11 | 13.63 | 14.59 |
| 9.89 | 10.08 | 9.79 | 9.70 | 9.70 | 8.74 | 9.02 | 9.60 | 9.50 | 9.98 | 9.60 | 9.89 | 8.93 |
| 0.60 | 0.60 | 1.30 | 0.60 | 0.10 | 0.70 | 1.30 0.10 | 0.50 | 1.30 | 0.40 | 0.90 | 0.70 | 0.90 |
| -0.25 | -0.25 | -0.55 | -0.25 | -0.04 | -0.29 | -0.57 | -0.21 | -0.55 | -0.17 | -0.38 | -0.29 | -0.38 |
| 96.60 | 95.83 | 96.05 | 96.60 | 96.10 | 96.03 | 97.30 | 96.60 | 97.40 | 96.40 | 96.90 | 96.70 | 96.90 |
| 5.762 | 5.727 | 5.793 | 5.819 | 5.816 | 5.959 | 5.876 | 5.816 | 5.766 | 5.801 | 5.807 | 5.777 | 5.747 |
| 2.238 | 2.273 | 2.207 | 2.181 | 2.184 | 2.041 | 2.124 | 2.184 | 2.234 | 2.199 | 2.193 | 2.223 | 2.253 |
| 0.562 | 0.499 | 0.571 | 0.539 | 0.618 | 0.919 | 0.817 | 0.594 | 0.554 | 0.540 | 0.648 | 0.577 | 0.610 |
| 0.160 | 0.174 | 0.162 | 0.160 | 0.149 | 0.124 | 0.146 | 0.170 | 0.160 | 0.150 | 0.148 | 0.150 | 0.106 |
| 1.951 | 2.027 | 1.899 | 1.883 | 1.882 | 1.361 | 1.530 | 1.889 | 1.943 | 1.991 | 1.815 | 1.963 | 1.925 |
| 0.036 | 0.037 | 0.024 | 0.024 | 0.036 | 0.023 | 0.023 | | 0.024 | 0.036 | 0.024 | 0.036 | 0.036 |
| 3.033 | 3.011 | 3.064 | 3.145 | 3.038 | 3.208 | 3.161 | 3.072 | 3.104 | 3.017 | 3.089 | 3.012 | 3.200 |
| | | | | | | | | | | | | |
| 1.869 | 1.932 | 1.870 | 1.824 | 1.823 | 1.601 | 1.662 | 1.800 | 1.789 | 1.891 | 1.798 | 1.869 | 1.675 |
| 19.612 | 19.679 | 19.591 | 19.573 | 19.545 | 19.237 | 19.339 | 19.525 | 19.575 | 19.625 | 19.523 | 19.608 | 19.552 |
| 3.719 | 3.715 | 3.384 | 3.720 | 3.953 | 3.682 | 3.382 | 3.767 | 3.393 | 3.812 | 3.582 | 3.672 | 3.581 |
| 0.281 | 0.285 | 0.616 | 0.280 | 0.047 | 0.318 | 0.594 | 0.233 | 0.607 | 0.188 | 0.418 | 0.328 | 0.419 |
| 0 937 | 0 822 | 0.915 | 1 026 | 1 026 | 1 318 | 1 203 | 1 030 | 0 965 | 0 970 | 1 038 | 0.953 | 0 962 |
| 0.937 | 0.822 | 0.915 | 0.162 | 0.230 | 0.426 | 0.316 | 0 188 | 0.905 | 0.207 | 0.226 | 0.200 | 0.902 |
| 547 | 582 | 564 | 564 | 513 | 520 | 574 | 594 | 552 | 501 | 526 | 503 | 320 |
| 1 96 | 1 87 | 1 89 | 1 71 | 1 96 | 2.44 | 2.38 | 1 89 | 1 92 | 1 77 | 2.08 | 1 96 | 2 14 |
| 857 | 873 | 877 | 859 | 824 | 832 | 824 | 870 | 879 | 849 | 860 | 861 | 809 |
| 8.5 | 10.07 | 9.17 | 8.66 | 6.91 | 6.59 | 6.57 | 10.68 | 8.55 | 9.42 | 8.35 | 8.27 | 5.16 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600R |
| С | В | С | С | С | С | С | С | С | С | С | С | С |
| 39.46 | 39.07 | 37.66 | 38.75 | 38.48 | 37.90 | 37.07 | 38.39 | 38.62 | 38.37 | 38.57 | 38.75 | 38.58 |
| 1.34 | 1.34 | 1.54 | 1.51 | 1.42 | 1.73 | 1.49 | 1.71 | 1.30 | 1.23 | 1.63 | 1.39 | 1.54 |
| 16.32 | 16.42 | 15.19 | 15.47 | 15.96 | 15.29 | 14.87 | 15.00 | 15.54 | 16.06 | 15.19 | 15.60 | 15.70 |
| 15.55 | 14.78 | 17.84 | 16.45 | 16.60 | 17.76 | 19.66 | 17.22 | 17.07 | 16.59 | 17.22 | 16.54 | 16.51 |
| 0.38 | 0.19 | 0.31 | 0.25 | 0.29 | 0.31 | 0.36 | 0.25 | 0.19 | 0.19 | 0.24 | 0.23 | 0.24 |
| 12.86 | 13.63 | 12.80 | 13.04 | 12.58 | 12.85 | 12.36 | 12.87 | 13.55 | 13.21 | 12.74 | 13.67 | 13.09 |
| | | 0.03 | 0.06 | 0.06 | 0.05 | 0.12 | 0.03 | 0.02 | 0.06 | 0.03 | 0.04 | 0.06 |
| | | 0.02 | 0.01 | 0.03 | 0.05 | 0.15 | 0.10 | 0.08 | 0.10 | 0.08 | | 0.09 |
| 9.98 | 9.60 | 10.26 | 10.06 | 10.15 | 9.78 | 9.65 | 10.16 | 9.59 | 9.90 | 10.04 | 9.67 | 9.99 |
| | | 0.19 | 0.11 | 0.11 | 0.24 | 0.12 | 0.08 | | 0.02 | | 0.06 | 0.05 |
| | | | | | 0.01 | 0.12 | 0.02 | 0.04 | 0.09 | 0.24 | | 0.12 |
| 0.10 | 1.00 | 0.19 | 0.31 | | | | 0.15 | | 0.17 | | | |
| | | | 0.01 | | | 0.03 | 0.03 | | 0.03 | 0.03 | 0.06 | 0.02 |
| -0.04 | -0.42 | -0.08 | -0.13 | | | -0.01 | -0.07 | | -0.08 | -0.01 | -0.01 | 0.00 |
| 96.00 | 96.04 | 96.02 | 96.01 | 95.65 | 95.97 | 95.99 | 96.01 | 95.99 | 96.01 | 96.01 | 96.00 | 95.99 |
| 5.839 | 5.802 | 5.692 | 5.794 | 5.764 | 5.698 | 5.643 | 5.769 | 5.759 | 5.732 | 5.783 | 5.765 | 5.757 |
| 2.161 | 2.198 | 2.308 | 2.206 | 2.236 | 2.302 | 2.357 | 2.231 | 2.241 | 2.268 | 2.217 | 2.235 | 2.243 |
| 0.686 | 0.675 | 0.398 | 0.520 | 0.581 | 0.407 | 0.312 | 0.427 | 0.490 | 0.560 | 0.466 | 0.501 | 0.518 |
| 0.150 | 0.150 | 0.175 | 0.170 | 0.160 | 0.195 | 0.170 | 0.193 | 0.145 | 0.138 | 0.184 | 0.156 | 0.172 |
| | | 0.023 | 0.012 | 0.013 | 0.029 | 0.014 | 0.009 | | 0.002 | | 0.007 | 0.006 |
| 1.925 | 1.836 | 2.255 | 2.058 | 2.080 | 2.233 | 2.503 | 2.165 | 2.129 | 2.072 | 2.159 | 2.058 | 2.061 |
| 0.048 | 0.024 | 0.039 | 0.032 | 0.037 | 0.039 | 0.046 | 0.032 | 0.024 | 0.024 | 0.030 | 0.029 | 0.030 |
| 2.838 | 3.017 | 2.883 | 2.906 | 2.808 | 2.881 | 2.804 | 2.884 | 3.011 | 2.942 | 2.847 | 3.032 | 2.913 |
| | | | | | 0.001 | 0.015 | 0.002 | 0.005 | 0.010 | 0.029 | | 0.015 |
| | | 0.005 | 0.009 | 0.009 | 0.008 | 0.020 | 0.005 | 0.003 | 0.009 | 0.005 | 0.006 | 0.009 |
| | | 0.006 | 0.003 | 0.008 | 0.014 | 0.045 | 0.028 | 0.022 | 0.028 | 0.022 | | 0.025 |
| 1.885 | 1.818 | 1.978 | 1.919 | 1.939 | 1.876 | 1.874 | 1.947 | 1.824 | 1.886 | 1.920 | 1.835 | 1.902 |
| 19.530 | 19.521 | 19.761 | 19.628 | 19.635 | 19.683 | 19.804 | 19.692 | 19.653 | 19.672 | 19.663 | 19.625 | 19.651 |
| 3.953 | 3.530 | 3.909 | 3.851 | 4.000 | 4.000 | 3.992 | 3.921 | 4.000 | 3.912 | 3.992 | 3.985 | 3.995 |
| 0.047 | 0.470 | 0.091 | 0.147 | | | | 0.071 | | 0.080 | | | |
| | | | 0.003 | | | 0.008 | 0.008 | | 0.008 | 0.008 | 0.015 | 0.005 |
| 1.030 | 0.971 | 0.751 | 0.923 | 0.880 | 0.787 | 0.655 | 0.869 | 0.900 | 0.860 | 0.897 | 0.919 | 0.894 |
| 0.364 | 0.263 | 0.095 | 0.238 | 0.288 | 0.035 | | 0.170 | 0.091 | 0.203 | 0.180 | 0.108 | 0.203 |
| 491 | 523 | 547 | 554 | 509 | 617 | 503 | 618 | 463 | 434 | 586 | 515 | 565 |
| 2.10 | 2.18 | 1.67 | 1.73 | 2.01 | 1.68 | 1.56 | 1.52 | 1.75 | 2.04 | 1.60 | 1.76 | 1.83 |
| 842 | 862 | 850 | 852 | 850 | 806 | 762 | 831 | 810 | 828 | 813 | 793 | 815 |
| 7.84 | 8.55 | 9.8 | 10.25 | 10.08 | 6.42 | 4.24 | 8.74 | 8.23 | 8.18 | 8.36 | 6.53 | 9.04 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600R |
| C | С | С | С | С | С | С | С | С | С | С | С | С |
| 38.23 | 38.25 | 38.58 | 38.58 | 37.63 | 38.93 | 38.62 | 39.54 | 38.26 | 39.19 | 38.31 | 38.39 | 38.89 |
| 1.69 | 1.54 | 1.41 | 1.41 | 1.60 | 1.44 | 1.65 | 1.45 | 1.34 | 1.35 | 1.41 | 1.40 | 1.46 |
| 15.28 | 15.50 | 15.53 | 15.53 | 15.35 | 15.94 | 15.09 | 15.49 | 15.45 | 16.04 | 15.70 | 15.21 | 16.35 |
| 17.34 | 16.97 | 16.93 | 16.93 | 17.65 | 15.91 | 17.19 | 15.48 | 16.92 | 15.91 | 17.20 | 17.33 | 15.25 |
| 0.25 | 0.18 | 0.32 | 0.32 | 0.30 | 0.35 | 0.19 | 0.22 | 0.31 | 0.30 | 0.29 | 0.31 | 0.19 |
| 12.91 | 13.46 | 12.94 | 12.94 | 12.54 | 13.06 | 13.11 | 13.66 | 13.17 | 13.27 | 12.60 | 12.85 | 13.66 |
| | 0.11 | 0.11 | 0.11 | 0.02 | 0.01 | 0.02 | 0.05 | 0.12 | 0.10 | 0.12 | 0.12 | 0.04 |
| 0.12 | 0.03 | 0.07 | 0.07 | 0.24 | 0.07 | 0.10 | 0.18 | 0.15 | 0.03 | 0.15 | | 0.54 |
| 10.00 | 9.81 | 9.99 | 9.99 | 10.50 | 9.62 | 10.01 | 9.79 | 10.00 | 9.57 | 9.96 | 10.26 | 9.51 |
| | | | | | | | | | | | | 0.07 |
| 0.02 | 0.12 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.09 | | 0.01 | 0.18 | 0.08 | 0.03 |
| 0.14 | | 0.07 | 0.07 | 0.11 | 0.05 | | 0.05 | | | 0.05 | 0.04 | |
| | 0.02 | | | | 0.62 | | | 0.27 | 0.20 | | | |
| 0.02 | 0.03 | | | | 0.02 | | | | 0.01 | 0.04 | | |
| 0.00 | -0.02 | | | | -0.27 | | | -0.11 | -0.09 | -0.01 | | |
| 96.01 | 96.01 | 96.00 | 96.00 | 95.99 | 96.04 | 96.00 | 96.00 | 96.00 | 95.97 | 96.01 | 95.99 | 95.99 |
| 5.736 | 5.718 | 5.769 | 5.769 | 5.686 | 5.804 | 5.780 | 5.848 | 5.743 | 5.811 | 5.742 | 5.766 | 5.748 |
| 2.264 | 2.282 | 2.231 | 2.231 | 2.314 | 2.196 | 2.220 | 2.152 | 2.257 | 2.189 | 2.258 | 2.234 | 2.252 |
| 0.439 | 0.450 | 0.506 | 0.506 | 0.419 | 0.604 | 0.442 | 0.548 | 0.476 | 0.615 | 0.515 | 0.457 | 0.596 |
| 0.191 | 0.173 | 0.159 | 0.159 | 0.182 | 0.161 | 0.186 | 0.161 | 0.152 | 0.151 | 0.159 | 0.158 | 0.162 |
| 0.002 | 0.014 | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.010 | | 0.001 | 0.022 | 0.009 | 0.003 |
| 2.176 | 2.122 | 2.118 | 2.118 | 2.231 | 1.983 | 2.152 | 1.914 | 2.125 | 1.973 | 2.156 | 2.176 | 1.886 |
| 0.032 | 0.023 | 0.040 | 0.040 | 0.038 | 0.044 | 0.024 | 0.028 | 0.039 | 0.037 | 0.037 | 0.039 | 0.024 |
| 2.888 | 2.999 | 2.884 | 2.884 | 2.824 | 2.902 | 2.925 | 3.011 | 2.947 | 2.933 | 2.814 | 2.878 | 3.010 |
| 0.017 | | 0.008 | 0.008 | 0.013 | 0.006 | | 0.006 | | | 0.006 | 0.005 | |
| | 0.017 | 0.017 | 0.017 | 0.003 | 0.002 | 0.003 | 0.008 | 0.020 | 0.015 | 0.018 | 0.020 | 0.006 |
| 0.036 | 0.008 | 0.019 | 0.019 | 0.070 | 0.019 | 0.028 | 0.052 | 0.045 | 0.008 | 0.045 | | 0.154 |
| 1.915 | 1.871 | 1.906 | 1.906 | 2.024 | 1.829 | 1.911 | 1.847 | 1.915 | 1.810 | 1.905 | 1.966 | 1.793 |
| 10.000 | 10 - | 10.550 | 10.442 | 10.010 | 10 | 10 (50 | 10 505 | 10 510 | 10 515 | 10 18 | 10 500 | 0.004 |
| 19.696 | 19.677 | 19.663 | 19.663 | 19.810 | 19.556 | 19.673 | 19.585 | 19.719 | 19.545 | 19.676 | 19.709 | 19.638 |
| 3.995 | 3.983 | 4.000 | 4.000 | 4.000 | 3.703 | 4.000 | 4.000 | 3.872 | 3.904 | 3.990 | 4.000 | 4.000 |
| 0.007 | 0.009 | | | | 0.292 | | | 0.128 | 0.094 | 0.010 | | |
| 0.005 | 0.008 | 0.00 6 | 0.007 | 0 | 0.005 | 0.000 | 1.0.10 | 0.045 | 0.003 | 0.010 | 0.0.40 | 0.000 |
| 0.840 | 0.840 | 0.896 | 0.896 | 0.746 | 0.951 | 0.903 | 1.043 | 0.845 | 0.988 | 0.854 | 0.868 | 0.936 |
| 0.116 | 0.084 | 0.215 | 0.215 | 0.189 | 0.237 | 0.150 | 0.286 | 0.196 | 0.247 | 0.237 | 0.213 | 0.280 |
| 609 | 566 | 506 | 506 | 570 | 535 | 600 | 553 | 484 | 499 | 497 | 497 | 561 |
| 1.66 | 1.75 | 1.76 | 1.76 | 1.75 | 1.96 | 1.54 | 1.65 | 1.75 | 1.97 | 1.87 | 1.63 | 2.10 |
| 806 | 810 | 827 | 827 | 832 | 821 | 832 | 809 | 838 | 817 | 794 | 836 | 816 |
| 8.53 | 7.8 | 8.7 | 8.7 | 9.71 | 5.42 | 10.45 | 7.54 | 9.21 | 6.18 | 7.63 | 9.63 | 7.62 |

| ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600R |
| В | С | В | С | В | С | В | С | В | С | В | С | В |
| 38.68 | 39.03 | 38.87 | 38.58 | 40.24 | 38.97 | 39.04 | 38.71 | 41.44 | 38.19 | 38.86 | 39.00 | 38.63 |
| 1.37 | 1.33 | 1.37 | 1.45 | 1.32 | 1.46 | 1.12 | 1.45 | 1.23 | 1.43 | 1.44 | 1.29 | 1.42 |
| 15.74 | 16.17 | 15.96 | 15.35 | 15.51 | 16.08 | 16.27 | 16.24 | 16.44 | 15.00 | 16.03 | 15.53 | 15.38 |
| 16.29 | 15.83 | 16.28 | 16.72 | 15.92 | 15.25 | 16.13 | 15.76 | 13.93 | 17.44 | 15.95 | 15.72 | 16.92 |
| 0.16 | 0.30 | 0.20 | 0.36 | 0.29 | 0.28 | 0.24 | 0.23 | 0.25 | 0.31 | 0.30 | 0.26 | 0.21 |
| 13.10 | 13.01 | 13.02 | 12.77 | 11.67 | 13.56 | 13.67 | 13.39 | 12.12 | 12.78 | 12.82 | 13.62 | 13.06 |
| | | | | 0.15 | 0.11 | 0.15 | 0.05 | 0.05 | 0.03 | 0.13 | 0.04 | 0.15 |
| 0.74 | 0.27 | 0.19 | 0.08 | 0.78 | 0.41 | 0.21 | 0.42 | 0.22 | 0.37 | 0.39 | 0.13 | 0.28 |
| 9.68 | 9.74 | 9.76 | 9.38 | 9.85 | 9.64 | 9.00 | 9.63 | 10.25 | 10.06 | 9.57 | 9.81 | 9.74 |
| 0.16 | 0.18 | 0.10 | 1.13 | 0.10 | 0.12 | | 0.06 | 0.06 | 0.05 | 0.32 | 0.29 | |
| 0.04 | | 0.18 | 0.08 | 0.15 | 0.12 | 0.07 | | 0.01 | 0.12 | 0.13 | 0.22 | 0.09 |
| | 0.08 | 0.06 | 0.03 | | | 0.04 | 0.01 | | 0.09 | | 0.07 | 0.09 |
| | | | | | | | | | 0.06 | | | |
| | | | | | | | | | 0.07 | | | |
| | | | | | | | | | -0.04 | | | |
| 95.97 | 95.94 | 95.99 | 95.92 | 95.99 | 95.98 | 95.94 | 95.95 | 95.99 | 96.00 | 95.94 | 95.99 | 95.96 |
| 5.767 | 5.797 | 5.781 | 5.797 | 5.971 | 5.769 | 5.771 | 5.743 | 6.056 | 5.755 | 5.783 | 5.800 | 5.774 |
| 2.233 | 2.203 | 2.219 | 2.203 | 2.029 | 2.231 | 2.229 | 2.257 | 1.944 | 2.245 | 2.217 | 2.200 | 2.226 |
| 0.534 | 0.626 | 0.578 | 0.516 | 0.684 | 0.575 | 0.606 | 0.583 | 0.887 | 0.419 | 0.595 | 0.523 | 0.483 |
| 0.154 | 0.149 | 0.154 | 0.164 | 0.148 | 0.162 | 0.125 | 0.162 | 0.135 | 0.162 | 0.161 | 0.144 | 0.160 |
| 0.005 | | 0.021 | 0.009 | 0.018 | 0.013 | 0.008 | | 0.001 | 0.015 | 0.016 | 0.026 | 0.010 |
| 2.031 | 1.966 | 2.025 | 2.101 | 1.975 | 1.889 | 1.994 | 1.956 | 1.702 | 2.198 | 1.984 | 1.956 | 2.114 |
| 0.021 | 0.037 | 0.025 | 0.045 | 0.036 | 0.035 | 0.030 | 0.029 | 0.031 | 0.039 | 0.038 | 0.033 | 0.027 |
| 2.913 | 2.880 | 2.886 | 2.860 | 2.582 | 2.992 | 3.012 | 2.962 | 2.639 | 2.870 | 2.843 | 3.020 | 2.909 |
| | 0.009 | 0.007 | 0.003 | | | 0.005 | 0.001 | | 0.010 | | 0.008 | 0.010 |
| | | | | 0.024 | 0.017 | 0.024 | 0.008 | 0.008 | 0.005 | 0.021 | 0.006 | 0.025 |
| 0.214 | 0.077 | 0.055 | 0.022 | 0.224 | 0.119 | 0.061 | 0.122 | 0.063 | 0.109 | 0.114 | 0.039 | 0.081 |
| 1.840 | 1.846 | 1.852 | 1.798 | 1.864 | 1.820 | 1.696 | 1.822 | 1.911 | 1.934 | 1.817 | 1.861 | 1.858 |
| 0.010 | 0.011 | 0.006 | 0.067 | 0.006 | 0.007 | | 0.003 | 0.003 | 0.003 | 0.018 | 0.017 | |
| 19.720 | 19.601 | 19.610 | 19.585 | 19.560 | 19.628 | 19.561 | 19.647 | 19.380 | 19.765 | 19.607 | 19.631 | 19.676 |
| 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 3.954 | 4.000 | 4.000 | 4.000 |
| | | | | | | | | | 0.029 | | | |
| | | | | | | | | | 0.018 | | | |
| 0.910 | 0.964 | 0.939 | 0.900 | 1.161 | 0.950 | 0.962 | 0.910 | 1.335 | 0.837 | 0.938 | 0.961 | 0.904 |
| 0.337 | 0.327 | 0.267 | 0.246 | 0.724 | 0.306 | 0.171 | 0.260 | 0.827 | 0.221 | 0.360 | 0.263 | 0.227 |
| 501 | 487 | 498 | 525 | 454 | 560 | 390 | 545 | 444 | 508 | 528 | 480 | 512 |
| 1.85 | 2.04 | 1.95 | 1.71 | 1.69 | 1.97 | 2.06 | 2.08 | 2.05 | 1.54 | 1.99 | 1.72 | 1.68 |
| 800 | 808 | 815 | 793 | 794 | 811 | 810 | 816 | 838 | 800 | 811 | 808 | 805 |
| 7.19 | 6.57 | 7.82 | 5.14 | 7.36 | 7.13 | 6.26 | 7.6 | 10.76 | 6.66 | 6.78 | 7.39 | 7.3 |

| ME | ME | ME | ME |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--------|
| SOS-600R | FDS-58 | FDS-58 | FDS-58 |
| С | В | В | С | В | С | В | С | В | С | С | С | Ι | Ι |
| 38.79 | 38.37 | 38.32 | 38.99 | 38.42 | 38.02 | 38.14 | 38.87 | 38.08 | 38.05 | 38.63 | 39.17 | 38.98 | 39.46 |
| 1.49 | 1.36 | 1.54 | 1.36 | 1.45 | 1.37 | 1.10 | 1.32 | 1.46 | 1.11 | 1.30 | 1.44 | 1.54 | 1.34 |
| 15.41 | 15.86 | 15.75 | 15.75 | 15.45 | 14.85 | 15.38 | 15.94 | 15.70 | 15.15 | 15.41 | 15.36 | 15.17 | 14.78 |
| 16.16 | 16.22 | 15.63 | 15.47 | 16.88 | 17.31 | 16.42 | 16.53 | 17.04 | 19.07 | 16.44 | 15.17 | 16.03 | 14.78 |
| 0.15 | 0.27 | 0.31 | 0.32 | 0.20 | 0.36 | 0.31 | 0.34 | 0.27 | 0.21 | 0.28 | 0.10 | 0.10 | 0.29 |
| 13.44 | 13.25 | 13.44 | 13.57 | 13.24 | 12.82 | 13.48 | 13.53 | 13.03 | 13.10 | 12.97 | 14.50 | 13.73 | 14.40 |
| 0.11 | 0.09 | | 0.19 | 0.32 | 0.18 | 0.46 | 0.24 | 0.43 | 0.12 | 0.18 | | | |
| 0.05 | 0.15 | 0.24 | 0.27 | 0.31 | 0.27 | 1.12 | | 0.20 | 0.17 | 0.57 | | | |
| 9.68 | 9.59 | 9.29 | 9.63 | 9.46 | 10.20 | 9.33 | 9.08 | 9.63 | 8.52 | 9.72 | 9.50 | 9.89 | 9.70 |
| 0.09 | 0.18 | 1.10 | 0.22 | 0.03 | 0.39 | | | 0.05 | 0.24 | 0.31 | | | |
| 0.26 | 0.13 | 0.18 | 0.19 | 0.24 | 0.13 | 0.18 | 0.14 | 0.09 | 0.12 | 0.13 | | | |
| 0.12 | 0.02 | 0.12 | 0.03 | | 0.08 | 0.04 | 0.01 | | 0.02 | | | | |
| 0.23 | 0.49 | | | | | | | | | | 0.80 | 0.60 | 1.30 |
| 0.05 | 0.03 | | | | | | | | | | | | |
| -0.11 | -0.21 | | | | | | | | | | -0.34 | -0.25 | -0.55 |
| 96.01 | 96.02 | 95.93 | 95.99 | 95.98 | 95.97 | 95.96 | 96.00 | 95.97 | 95.89 | 95.93 | 96.03 | 96.02 | 96.05 |
| 5.786 | 5.743 | 5.732 | 5.785 | 5.738 | 5.745 | 5.708 | 5.762 | 5.702 | 5.726 | 5.782 | 5.818 | 5.820 | 5.892 |
| 2.214 | 2.257 | 2.268 | 2.215 | 2.262 | 2.255 | 2.292 | 2.238 | 2.298 | 2.274 | 2.218 | 2.182 | 2.180 | 2.108 |
| 0.494 | 0.541 | 0.510 | 0.541 | 0.457 | 0.391 | 0.421 | 0.547 | 0.472 | 0.413 | 0.500 | 0.508 | 0.489 | 0.494 |
| 0.167 | 0.153 | 0.173 | 0.152 | 0.163 | 0.156 | 0.124 | 0.148 | 0.164 | 0.126 | 0.146 | 0.161 | 0.172 | 0.151 |
| 0.031 | 0.016 | 0.022 | 0.023 | 0.028 | 0.016 | 0.022 | 0.017 | 0.010 | 0.015 | 0.016 | | | |
| 2.015 | 2.031 | 1.955 | 1.919 | 2.108 | 2.188 | 2.055 | 2.049 | 2.134 | 2.399 | 2.057 | 1.884 | 2.002 | 1.846 |
| 0.019 | 0.034 | 0.039 | 0.040 | 0.026 | 0.045 | 0.039 | 0.042 | 0.034 | 0.027 | 0.035 | 0.012 | 0.012 | 0.036 |
| 2.988 | 2.956 | 2.997 | 3.003 | 2.947 | 2.887 | 3.007 | 2.989 | 2.908 | 2.939 | 2.894 | 3.210 | 3.056 | 3.205 |
| 0.014 | 0.002 | 0.015 | 0.003 | | 0.009 | 0.005 | 0.001 | | 0.002 | | | | |
| 0.017 | 0.014 | | 0.031 | 0.051 | 0.030 | 0.074 | 0.038 | 0.069 | 0.019 | 0.029 | | | |
| 0.014 | 0.045 | 0.070 | 0.077 | 0.089 | 0.079 | 0.326 | | 0.059 | 0.050 | 0.164 | | | |
| 1.841 | 1.831 | 1.773 | 1.823 | 1.801 | 1.965 | 1.781 | 1.717 | 1.839 | 1.636 | 1.856 | 1.801 | 1.883 | 1.847 |
| 0.005 | 0.011 | 0.065 | 0.013 | 0.002 | 0.023 | | | 0.003 | 0.014 | 0.018 | | | |
| 19.605 | 19.634 | 19.617 | 19.624 | 19.671 | 19.790 | 19.854 | 19.548 | 19.692 | 19.641 | 19.716 | 19.576 | 19.615 | 19.580 |
| 3.879 | 3.760 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 3.624 | 3.717 | 3.386 |
| 0.108 | 0.232 | | | | | | | | | | 0.376 | 0.283 | 0.614 |
| 0.013 | 0.008 | | | | | | | | | | | | |
| 0.929 | 0.862 | 0.853 | 0.956 | 0.868 | 0.811 | 0.824 | 0.936 | 0.814 | 0.814 | 0.905 | 0.987 | 0.960 | 1.039 |
| 0.188 | 0.201 | 0.211 | 0.299 | 0.194 | 0.270 | 0.362 | 0.106 | 0.202 | | 0.368 | 0.114 | 0.172 | 0.208 |
| 558 | 503 | 587 | 517 | 528 | 488 | 379 | 481 | 527 | 343 | 464 | 574 | 585 | 542 |
| 1.68 | 1.95 | 1.89 | 1.82 | 1.71 | 1.49 | 1.69 | 1.91 | 1.86 | 1.61 | 1.71 | 1.62 | 1.56 | 1.35 |
| 816 | 813 | 795 | 802 | 802 | 815 | 790 | 810 | 805 | 781 | 793 | 878 | 883 | 842 |
| 7.37 | 6.31 | 6 | 6.43 | 7.98 | 8.04 | 6.09 | 6.08 | 8 | 5.08 | 6.36 | 9.58 | 10.82 | 6.11 |

| ME |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| FDS-58 |
| В | С | В | С | В | С | В | С | В | С | Ι | Ι | Ι | В | С | Ι | Ι | В |
| 39.26 | 39.65 | 39.36 | 39.94 | 39.84 | 38.78 | 39.55 | 39.07 | 39.65 | 39.50 | 39.56 | 39.42 | 39.19 | 39.37 | 38.48 | 39.25 | 39.33 | 38.97 |
| 1.25 | 1.34 | 1.25 | 1.34 | 1.25 | 1.44 | 1.44 | 1.54 | 1.54 | 1.48 | 1.36 | 1.41 | 1.63 | 1.42 | 1.69 | 1.50 | 1.39 | 1.44 |
| 15.17 | 15.17 | 15.17 | 15.36 | 15.55 | 15.17 | 15.46 | 14.88 | 15.07 | 15.05 | 15.18 | 15.00 | 14.81 | 14.78 | 14.47 | 15.46 | 15.30 | 15.17 |
| 14.50 | 15.65 | 16.32 | 14.78 | 15.07 | 16.70 | 14.59 | 15.65 | 15.26 | 15.52 | 15.26 | 16.07 | 15.39 | 16.23 | 15.44 | 14.87 | 15.54 | 15.49 |
| 0.19 | 0.19 | 0.38 | 0.38 | 0.19 | 0.38 | 0.29 | 0.29 | 0.38 | 0.34 | 0.30 | 0.30 | 0.32 | 0.21 | 0.29 | 0.36 | 0.18 | 0.36 |
| 14.69 | 14.11 | 14.40 | 14.59 | 14.50 | 14.40 | 14.30 | 13.73 | 13.92 | 13.78 | 14.22 | 13.49 | 13.34 | 13.64 | 13.68 | 14.05 | 13.87 | 13.87 |
| | | | | | | | | | | 0.02 | | 0.10 | 0.14 | 0.08 | | 0.06 | 0.12 |
| | | | | | | | | | 0.06 | 0.01 | 0.18 | 0.42 | 0.25 | 0.50 | 0.52 | 0.77 | 0.45 |
| 9.22 | 9.89 | 9.12 | 9.60 | 9.70 | 9.12 | 9.60 | 9.79 | 9.60 | 9.52 | 9.56 | 9.75 | 9.53 | 9.41 | 9.62 | 9.25 | 9.22 | 9.49 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 0.28 | 0.17 | 0.21 | 0.16 | 0.11 | 0.21 | 0.24 | 0.18 | 0.33 |
| | | | | | | | | | 0.03 | 0.15 | 0.10 | | | 0.02 | | 0.09 | 0.15 |
| 1.80 | 0.70 | 1.00 | 0.90 | 0.50 | 0.80 | 0.80 | 1.20 | 0.60 | 0.43 | 0.13 | | 1.08 | 0.37 | | 0.45 | | 0.13 |
| | 0.10 | | | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.02 | 0.09 | 0.07 | 0.07 | 0.08 | 0.04 | 0.06 | 0.08 | 0.03 |
| -0.76 | -0.32 | -0.42 | -0.38 | -0.23 | -0.36 | -0.36 | -0.53 | -0.28 | -0.19 | -0.08 | -0.02 | -0.47 | -0.17 | -0.01 | -0.20 | -0.02 | -0.06 |
| 96.07 | 96.80 | 97.00 | 96.90 | 96.70 | 96.90 | 96.13 | 96.24 | 96.12 | 96.01 | 96.02 | 95.99 | 96.05 | 96.02 | 94.50 | 96.01 | 96.01 | 96.01 |
| 5.865 | 5.865 | 5.824 | 5.872 | 5.858 | 5.760 | 5.860 | 5.855 | 5.885 | 5.867 | 5.854 | 5.860 | 5.871 | 5.867 | 5.814 | 5.817 | 5.822 | 5.793 |
| 2.135 | 2.135 | 2.176 | 2.128 | 2.142 | 2.240 | 2.140 | 2.145 | 2.115 | 2.133 | 2.146 | 2.140 | 2.129 | 2.133 | 2.186 | 2.183 | 2.178 | 2.207 |
| 0.536 | 0.509 | 0.470 | 0.535 | 0.554 | 0.415 | 0.559 | 0.484 | 0.522 | 0.502 | 0.501 | 0.487 | 0.487 | 0.464 | 0.391 | 0.516 | 0.493 | 0.451 |
| 0.140 | 0.150 | 0.139 | 0.149 | 0.138 | 0.161 | 0.160 | 0.173 | 0.171 | 0.165 | 0.152 | 0.158 | 0.184 | 0.159 | 0.192 | 0.167 | 0.155 | 0.161 |
| | | | | | | | | | 0.033 | 0.020 | 0.025 | 0.019 | 0.012 | 0.025 | 0.028 | 0.021 | 0.038 |
| 1.811 | 1.936 | 2.020 | 1.818 | 1.854 | 2.075 | 1.808 | 1.961 | 1.895 | 1.928 | 1.889 | 1.998 | 1.928 | 2.023 | 1.951 | 1.843 | 1.924 | 1.926 |
| 0.024 | 0.024 | 0.048 | 0.048 | 0.024 | 0.048 | 0.036 | 0.037 | 0.048 | 0.042 | 0.037 | 0.037 | 0.040 | 0.027 | 0.037 | 0.045 | 0.023 | 0.046 |
| 3.271 | 3.112 | 3.176 | 3.199 | 3.178 | 3.188 | 3.159 | 3.067 | 3.080 | 3.050 | 3.136 | 2.989 | 2.980 | 3.030 | 3.082 | 3.105 | 3.061 | 3.074 |
| | | | | | | | | | 0.003 | 0.018 | 0.011 | | | 0.002 | | 0.010 | 0.018 |
| | | | | | | | | | | 0.003 | | 0.015 | 0.023 | 0.012 | | 0.009 | 0.018 |
| | | | | | | | | | 0.017 | 0.003 | 0.053 | 0.123 | 0.072 | 0.146 | 0.149 | 0.220 | 0.130 |
| 1.756 | 1.866 | 1.721 | 1.801 | 1.819 | 1.728 | 1.814 | 1.872 | 1.818 | 1.804 | 1.805 | 1.849 | 1.822 | 1.788 | 1.854 | 1.749 | 1.740 | 1.800 |
| | | | | | | | | | | | | | | | | | |
| 19.537 | 19.596 | 19.575 | 19.548 | 19.565 | 19.615 | 19.537 | 19.593 | 19.534 | 19.544 | 19.564 | 19.607 | 19.599 | 19.599 | 19.693 | 19.602 | 19.657 | 19.663 |
| 3.150 | 3.647 | 3.532 | 3.581 | 3.743 | 3.599 | 3.600 | 3.406 | 3.693 | 3.793 | 3.917 | 3.982 | 3.470 | 3.805 | 3.990 | 3.774 | 3.980 | 3.931 |
| 0.850 | 0.327 | 0.468 | 0.419 | 0.233 | 0.376 | 0.375 | 0.569 | 0.282 | 0.202 | 0.061 | | 0.512 | 0.174 | | 0.211 | | 0.061 |
| | 0.025 | | | 0.025 | 0.025 | 0.025 | 0.025 | 0.025 | 0.005 | 0.023 | 0.018 | 0.018 | 0.020 | 0.010 | 0.015 | 0.020 | 0.008 |
| 1.008 | 1.061 | 1.014 | 1.101 | 1.086 | 0.923 | 1.047 | 0.979 | 1.064 | 1.041 | 1.047 | 1.028 | 0.998 | 1.023 | 0.888 | 0.998 | 1.010 | 0.954 |
| 0.140 | 0.214 | 0.014 | 0.185 | 0.206 | | 0.208 | 0.188 | 0.200 | 0.199 | 0.170 | 0.245 | 0.315 | 0.223 | 0.229 | 0.232 | 0.282 | 0.223 |
| 509 | 514 | 464 | 536 | 485 | 546 | 580 | 594 | 599 | 569 | 532 | 527 | 627 | 533 | 659 | 593 | 533 | 556 |
| 1.56 | 1.48 | 1.49 | 1.54 | 1.64 | 1.52 | 1.65 | 1.43 | 1.46 | 1.45 | 1.49 | 1.43 | 1.40 | 1.34 | 1.28 | 1.65 | 1.56 | 1.52 |
| 865 | 849 | 814 | 829 | 827 | 805 | 819 | 829 | 808 | 801 | 801 | 773 | 819 | 797 | 774 | 785 | 771 | 784 |
| 5.98 | 7.81 | 4.5 | 5.8 | 7.23 | 4.16 | 5.81 | 5.31 | 4.18 | 4.37 | 5 | 3.69 | 3.72 | 3.92 | 3.81 | 3.78 | 4.28 | 4.01 |

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|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| FDS-58 |
| С | В | С | Ι | Ι | В | С | В | В | С | В | С | В | С | В | С | В | С |
| 38.68 | 39.54 | 39.31 | 39.71 | 39.39 | 38.43 | 39.41 | 39.64 | 39.94 | 39.00 | 39.09 | 40.03 | 38.65 | 39.54 | 39.35 | 39.66 | 39.53 | 39.85 |
| 1.43 | 1.53 | 1.69 | 1.65 | 1.40 | 1.85 | 1.41 | 1.49 | 1.31 | 1.42 | 1.29 | 1.31 | 1.31 | 1.33 | 1.10 | 1.40 | 1.29 | 1.60 |
| 15.11 | 15.41 | 15.12 | 15.43 | 15.07 | 14.49 | 15.19 | 14.90 | 15.15 | 14.76 | 14.79 | 15.03 | 14.99 | 14.92 | 15.45 | 15.23 | 15.02 | 14.98 |
| 15.17 | 15.33 | 15.45 | 15.27 | 16.00 | 16.20 | 15.75 | 15.24 | 14.83 | 15.77 | 16.92 | 15.08 | 15.59 | 15.04 | 15.11 | 15.02 | 15.61 | 15.39 |
| 0.38 | 0.17 | 0.40 | 0.30 | 0.25 | 0.31 | 0.30 | 0.27 | 0.41 | 0.27 | 0.25 | 0.28 | 0.12 | 0.12 | 0.25 | 0.29 | 0.15 | 0.28 |
| 14.91 | 13.56 | 13.59 | 13.50 | 13.35 | 13.04 | 13.69 | 13.83 | 14.43 | 14.05 | 13.82 | 14.17 | 14.30 | 13.68 | 14.32 | 13.92 | 14.09 | 14.04 |
| 0.09 | 0.18 | 0.04 | 0.05 | 0.05 | 0.11 | 0.09 | 0.14 | 0.07 | 0.33 | 0.52 | 0.28 | 2.11 | 0.34 | 0.43 | 0.40 | 0.30 | 0.18 |
| 0.28 | 0.10 | 0.12 | 0.14 | 0.26 | 1.18 | 0.36 | 0.08 | 0.11 | 0.18 | 0.15 | | 0.36 | 0.45 | 0.12 | 0.12 | 0.25 | 0.07 |
| 9.57 | 9.48 | 9.54 | 9.67 | 9.54 | 9.58 | 9.63 | 9.83 | 9.55 | 9.10 | 8.62 | 9.17 | 8.28 | 9.44 | 9.35 | 9.34 | 9.42 | 9.32 |
| | | | | | | | | | | | | | | | | | |
| 0.30 | 0.29 | 0.32 | 0.28 | 0.42 | 0.41 | 0.15 | 0.21 | 0.18 | 0.36 | 0.40 | 0.36 | 0.27 | 0.41 | 0.36 | 0.28 | 0.24 | 0.27 |
| 0.08 | | 0.06 | | | | 0.02 | | | | 0.11 | | | 0.21 | | | 0.02 | |
| | 0.38 | 0.32 | | 0.22 | 0.36 | | 0.34 | | 0.78 | 0.05 | 0.31 | | 0.43 | 0.12 | 0.04 | 0.02 | |
| 0.01 | 0.06 | 0.07 | | 0.06 | 0.05 | | 0.05 | 0.03 | | | | 0.03 | 0.10 | 0.05 | 0.01 | 0.06 | 0.02 |
| 0.00 | -0.17 | -0.15 | | -0.11 | -0.16 | | -0.15 | -0.01 | -0.33 | -0.02 | -0.13 | -0.01 | -0.20 | -0.06 | -0.02 | -0.02 | 0.00 |
| 96.00 | 96.04 | 96.03 | 95.99 | 96.02 | 96.01 | 95.99 | 96.02 | 96.00 | 96.03 | 96.01 | 96.01 | 96.01 | 96.02 | 96.01 | 95.70 | 96.00 | 96.00 |
| 5.736 | 5.858 | 5.840 | 5.862 | 5.858 | 5.776 | 5.842 | 5.884 | 5.882 | 5.823 | 5.811 | 5.905 | 5.728 | 5.877 | 5.817 | 5.866 | 5.852 | 5.878 |
| 2.264 | 2.142 | 2.160 | 2.138 | 2.142 | 2.224 | 2.158 | 2.116 | 2.118 | 2.177 | 2.189 | 2.095 | 2.272 | 2.123 | 2.183 | 2.134 | 2.148 | 2.122 |
| 0.378 | 0.549 | 0.488 | 0.547 | 0.500 | 0.343 | 0.496 | 0.491 | 0.512 | 0.419 | 0.403 | 0.519 | 0.346 | 0.490 | 0.508 | 0.521 | 0.473 | 0.481 |
| 0.160 | 0.170 | 0.189 | 0.183 | 0.157 | 0.209 | 0.157 | 0.166 | 0.145 | 0.160 | 0.144 | 0.145 | 0.146 | 0.149 | 0.123 | 0.156 | 0.143 | 0.178 |
| 0.035 | 0.034 | 0.037 | 0.032 | 0.050 | 0.049 | 0.018 | 0.025 | 0.021 | 0.043 | 0.047 | 0.041 | 0.031 | 0.049 | 0.042 | 0.033 | 0.028 | 0.031 |
| 1.881 | 1.900 | 1.919 | 1.886 | 1.991 | 2.037 | 1.953 | 1.892 | 1.827 | 1.969 | 2.103 | 1.861 | 1.932 | 1.870 | 1.868 | 1.859 | 1.932 | 1.898 |
| 0.048 | 0.022 | 0.051 | 0.037 | 0.031 | 0.039 | 0.037 | 0.034 | 0.052 | 0.034 | 0.031 | 0.035 | 0.016 | 0.016 | 0.031 | 0.036 | 0.019 | 0.035 |
| 3.296 | 2.996 | 3.011 | 2.971 | 2.961 | 2.921 | 3.025 | 3.061 | 3.168 | 3.128 | 3.063 | 3.116 | 3.160 | 3.031 | 3.156 | 3.069 | 3.110 | 3.088 |
| 0.009 | 0.000 | 0.007 | 0.000 | 0.000 | 0.015 | 0.002 | 0.000 | 0.011 | 0.050 | 0.013 | 0.044 | | 0.025 | 0.0.00 | 0.044 | 0.002 | 0.000 |
| 0.014 | 0.029 | 0.006 | 0.008 | 0.008 | 0.017 | 0.014 | 0.023 | 0.011 | 0.052 | 0.083 | 0.044 | 0.335 | 0.054 | 0.068 | 0.064 | 0.047 | 0.029 |
| 0.080 | 0.028 | 0.033 | 0.041 | 0.075 | 0.344 | 0.102 | 0.022 | 0.030 | 0.053 | 0.044 | 1 705 | 0.102 | 0.130 | 0.033 | 0.033 | 0.072 | 0.019 |
| 1.811 | 1.792 | 1.808 | 1.821 | 1.810 | 1.837 | 1.821 | 1.861 | 1.795 | 1./33 | 1.635 | 1.725 | 1.566 | 1.789 | 1./63 | 1.762 | 1.//8 | 1./54 |
| 19 711 | 19 519 | 19 549 | 19 526 | 19 582 | 19 797 | 19 626 | 19 575 | 19 560 | 19 591 | 19 565 | 19 485 | 19 636 | 19 602 | 19 592 | 19 532 | 19 605 | 19 513 |
| 3.997 | 3.807 | 3.832 | 4.000 | 3.881 | 3.816 | 4.000 | 3.828 | 3.993 | 3.632 | 3.976 | 3.855 | 3.992 | 3.773 | 3.931 | 3.981 | 3.976 | 3.995 |
| | 0.178 | 0.150 | | 0.103 | 0.171 | | 0.160 | | 0.368 | 0.024 | 0.145 | | 0.202 | 0.056 | 0.017 | 0.009 | |
| 0.003 | 0.015 | 0.018 | | 0.015 | 0.013 | | 0.013 | 0.007 | | | | 0.008 | 0.025 | 0.013 | 0.003 | 0.015 | 0.005 |
| 0.905 | 1.045 | 1.010 | 1.068 | 1.024 | 0.875 | 1.024 | 1.063 | 1.103 | 0.965 | 0.975 | 1.120 | 0.900 | 1.048 | 1.012 | 1.062 | 1.043 | 1.090 |
| 0.060 | 0.285 | 0.196 | 0.285 | 0.275 | 0.342 | 0.273 | 0.294 | 0.233 | 0.157 | 0.094 | 0.248 | 0.396 | 0.394 | 0.267 | 0.305 | 0.265 | 0.197 |
| 577 | 586 | 646 | 630 | 522 | 684 | 535 | 579 | 516 | 550 | 465 | 507 | 503 | 515 | 411 | 547 | 489 | 621 |
| 1.47 | 1.62 | 1.49 | 1.60 | 1.48 | 1.25 | 1.51 | 1.37 | 1.44 | 1.34 | 1.32 | 1.39 | 1.40 | 1.39 | 1.62 | 1.51 | 1.41 | 1.36 |
| 785 | 814 | 792 | 799 | 786 | 805 | 795 | 811 | 781 | 820 | 785 | 817 | 784 | 804 | 792 | 792 | 788 | 789 |
| 4.06 | 7.15 | 3.31 | 6.11 | 4.44 | 4.13 | 5.76 | 5.75 | 3.42 | 5.16 | 5.97 | 6.27 | 4.24 | 5.69 | 5.38 | 5.55 | 5.01 | 4.68 |

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|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| FDS-58 |
| В | С | В | С | В | С | В | С | В | С | В | С | В | С | В | С | В | С |
| 39.69 | 39.68 | 39.67 | 39.69 | 39.07 | 39.83 | 39.48 | 39.97 | 39.07 | 40.10 | 39.45 | 39.99 | 39.58 | 39.71 | 40.43 | 39.96 | 40.50 | 39.22 |
| 1.36 | 1.37 | 1.37 | 1.28 | 1.47 | 1.34 | 1.25 | 1.30 | 0.93 | 1.48 | 1.19 | 1.28 | 1.08 | 1.43 | 1.45 | 1.32 | 1.32 | 1.40 |
| 14.73 | 15.24 | 15.21 | 14.94 | 15.11 | 15.26 | 14.99 | 15.12 | 14.78 | 14.84 | 15.21 | 15.26 | 14.74 | 14.84 | 15.86 | 14.60 | 16.05 | 14.66 |
| 15.33 | 14.73 | 14.17 | 15.29 | 16.10 | 14.98 | 15.24 | 14.61 | 16.28 | 15.00 | 15.50 | 14.88 | 15.71 | 15.05 | 14.39 | 15.22 | 14.17 | 16.49 |
| 0.27 | 0.20 | 0.20 | 0.15 | 0.27 | 0.23 | 0.24 | 0.25 | 0.32 | 0.12 | 0.19 | 0.37 | 0.27 | 0.30 | 0.22 | 0.29 | 0.20 | 0.26 |
| 13.91 | 14.09 | 13.97 | 14.07 | 13.80 | 14.04 | 13.99 | 14.40 | 13.37 | 14.13 | 13.76 | 14.14 | 14.03 | 14.20 | 13.95 | 14.14 | 14.11 | 14.04 |
| 0.55 | 0.19 | 1.49 | 0.11 | 0.38 | 0.10 | 0.41 | 0.37 | 1.16 | 0.39 | 0.60 | 0.22 | 0.36 | 0.14 | 0.05 | 0.14 | 0.12 | 0.10 |
| 0.12 | 0.16 | 0.21 | 0.14 | 0.18 | 0.30 | 0.13 | 0.38 | 0.29 | 0.15 | 0.53 | | 0.10 | 0.57 | 0.06 | 0.15 | 0.15 | 0.26 |
| 9.42 | 9.43 | 9.24 | 9.40 | 9.15 | 9.49 | 9.58 | 9.28 | 9.33 | 9.32 | 9.37 | 9.48 | 9.08 | 9.28 | 9.45 | 9.06 | 9.10 | 9.39 |
| | | | | | | | | | | | | | | | | | |
| 0.18 | 0.37 | 0.36 | 0.29 | 0.36 | 0.33 | 0.27 | 0.31 | 0.18 | 0.38 | 0.19 | 0.29 | 0.33 | 0.31 | 0.10 | 0.15 | 0.23 | 0.10 |
| | 0.01 | 0.05 | | | 0.09 | 0.07 | | 0.23 | 0.06 | | | 0.01 | 0.03 | | 0.03 | | 0.10 |
| 0.46 | 0.52 | 0.02 | 0.63 | | | 0.34 | | | | | 0.07 | 0.71 | 0.08 | | 0.94 | | |
| 0.05 | 0.04 | 0.03 | 0.04 | 0.09 | 0.03 | 0.04 | | 0.04 | 0.02 | | 0.03 | 0.05 | 0.05 | 0.06 | 0.02 | 0.02 | |
| -0.20 | -0.23 | -0.02 | -0.27 | -0.02 | -0.01 | -0.15 | | -0.01 | 0.00 | | -0.04 | -0.31 | -0.04 | -0.01 | -0.40 | 0.00 | |
| 96.07 | 96.04 | 95.99 | 96.03 | 95.98 | 96.01 | 96.02 | 96.00 | 95.99 | 96.00 | 95.99 | 96.01 | 96.02 | 95.99 | 96.00 | 96.03 | 95.99 | 96.01 |
| 5.892 | 5.870 | 5.845 | 5.892 | 5.801 | 5.873 | 5.861 | 5.879 | 5.832 | 5.905 | 5.841 | 5.891 | 5.893 | 5.870 | 5.916 | 5.938 | 5.909 | 5.832 |
| 2.108 | 2.130 | 2.155 | 2.108 | 2.199 | 2.127 | 2.139 | 2.121 | 2.168 | 2.095 | 2.159 | 2.109 | 2.107 | 2.130 | 2.084 | 2.062 | 2.091 | 2.168 |
| 0.470 | 0.529 | 0.487 | 0.506 | 0.445 | 0.525 | 0.484 | 0.500 | 0.434 | 0.481 | 0.495 | 0.541 | 0.479 | 0.456 | 0.652 | 0.496 | 0.669 | 0.401 |
| 0.152 | 0.153 | 0.152 | 0.143 | 0.164 | 0.149 | 0.139 | 0.143 | 0.105 | 0.164 | 0.133 | 0.141 | 0.120 | 0.159 | 0.160 | 0.147 | 0.145 | 0.157 |
| 0.021 | 0.044 | 0.043 | 0.034 | 0.042 | 0.038 | 0.032 | 0.036 | 0.022 | 0.045 | 0.022 | 0.034 | 0.038 | 0.036 | 0.011 | 0.018 | 0.027 | 0.011 |
| 1.904 | 1.822 | 1.746 | 1.899 | 1.999 | 1.847 | 1.892 | 1.797 | 2.033 | 1.847 | 1.920 | 1.833 | 1.956 | 1.861 | 1.761 | 1.891 | 1.729 | 2.051 |
| 0.034 | 0.025 | 0.025 | 0.019 | 0.034 | 0.029 | 0.030 | 0.031 | 0.040 | 0.016 | 0.024 | 0.047 | 0.034 | 0.037 | 0.027 | 0.036 | 0.025 | 0.033 |
| 3.079 | 3.108 | 3.068 | 3.115 | 3.055 | 3.085 | 3.096 | 3.157 | 2.976 | 3.102 | 3.037 | 3.105 | 3.113 | 3.129 | 3.043 | 3.132 | 3.069 | 3.113 |
| | 0.001 | 0.006 | | | 0.010 | 0.008 | | 0.028 | 0.007 | | | 0.001 | 0.003 | | 0.003 | | 0.011 |
| 0.087 | 0.030 | 0.235 | 0.017 | 0.061 | 0.015 | 0.066 | 0.059 | 0.186 | 0.062 | 0.096 | 0.035 | 0.057 | 0.023 | 0.008 | 0.023 | 0.020 | 0.015 |
| 0.036 | 0.047 | 0.060 | 0.041 | 0.053 | 0.085 | 0.039 | 0.110 | 0.083 | 0.044 | 0.152 | 1 500 | 0.028 | 0.162 | 0.016 | 0.044 | 0.043 | 0.075 |
| 1.784 | 1.779 | 1.738 | 1.780 | 1.733 | 1.786 | 1.814 | 1.741 | 1.777 | 1.751 | 1.770 | 1.780 | 1.725 | 1.750 | 1.763 | 1.718 | 1.694 | 1.781 |
| 19.566 | 19.539 | 19.560 | 19.552 | 19.585 | 19.568 | 19.599 | 19.575 | 19.682 | 19.518 | 19.649 | 19.516 | 19.551 | 19.617 | 19.441 | 19.508 | 19.421 | 19.649 |
| 3.771 | 3.747 | 3.983 | 3.694 | 3.977 | 3.993 | 3.830 | 4.000 | 3.990 | 3.995 | 4.000 | 3.960 | 3.653 | 3.950 | 3.985 | 3.553 | 3.995 | 4.000 |
| 0.216 | 0.243 | 0.009 | 0.296 | | | 0.160 | | | | | 0.033 | 0.334 | 0.037 | | 0.442 | | |
| 0.013 | 0.010 | 0.007 | 0.010 | 0.023 | 0.007 | 0.010 | | 0.010 | 0.005 | | 0.007 | 0.013 | 0.013 | 0.015 | 0.005 | 0.005 | |
| 1.071 | 1.066 | 1.060 | 1.071 | 0.970 | 1.087 | 1.036 | 1.108 | 0.976 | 1.129 | 1.029 | 1.112 | 1.057 | 1.069 | 1.175 | 1.117 | 1.183 | 0.996 |
| 0.336 | 0.294 | 0.569 | 0.255 | 0.174 | 0.301 | 0.322 | 0.342 | 0.462 | 0.312 | 0.420 | 0.281 | 0.247 | 0.285 | 0.333 | 0.232 | 0.339 | 0.117 |
| 527 | 544 | 550 | 492 | 556 | 523 | 477 | 514 | 276 | 581 | 438 | 496 | 383 | 564 | 573 | 513 | 526 | 527 |
| 1.28 | 1.53 | 1.47 | 1.39 | 1.48 | 1.51 | 1.42 | 1.41 | 1.35 | 1.28 | 1.51 | 1.50 | 1.31 | 1.31 | 1.76 | 1.22 | 1.83 | 1.26 |
| 802 | 815 | 795 | 823 | 770 | 780 | 799 | 794 | 769 | 795 | 797 | 793 | 791 | 780 | 799 | 805 | 797 | 785 |
| 4.86 | 5.68 | 5.16 | 5.56 | 4.25 | 5.57 | 5.39 | 5.65 | 4.16 | 6.21 | 6.01 | 4.81 | 4.15 | 3.43 | 6.34 | 3.67 | 6.66 | 4.47 |

| ME | BG | BG | BG | BG | BG | BG |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|----------|----------|----------|
| FDS-58 | SOS-600A | SOS-600A | SOS-600A | SOS-600A | SOS-600A | SOS-600A |
| В | С | В | С | В | В | С | В | С | С | В | С | В | С | В |
| 39.63 | 39.83 | 39.47 | 39.63 | 38.71 | 38.46 | 39.18 | 39.73 | 39.58 | 38.05 | 37.70 | 38.01 | 38.08 | 37.54 | 39.05 |
| 1.24 | 1.44 | 1.23 | 1.55 | 1.65 | 1.61 | 1.44 | 1.58 | 1.50 | 1.56 | 1.47 | 1.56 | 1.53 | 1.51 | 1.61 |
| 14.58 | 14.71 | 14.81 | 14.68 | 14.04 | 14.25 | 14.41 | 14.58 | 14.91 | 15.23 | 15.91 | 15.38 | 14.80 | 15.18 | 16.36 |
| 16.10 | 15.73 | 16.40 | 15.80 | 17.54 | 18.18 | 16.89 | 15.92 | 15.72 | 17.61 | 18.32 | 17.99 | 18.52 | 17.64 | 16.06 |
| 0.35 | 0.29 | 0.12 | 0.25 | 0.22 | 0.29 | 0.27 | 0.36 | 0.15 | 0.41 | 0.42 | 0.44 | 0.39 | 0.34 | 0.35 |
| 14.03 | 14.00 | 14.33 | 13.73 | 12.83 | 12.77 | 13.20 | 13.64 | 13.70 | 12.65 | 12.76 | 12.55 | 12.32 | 11.80 | 12.76 |
| 0.19 | 0.04 | 0.12 | 0.04 | 0.19 | | 0.17 | 0.21 | 0.04 | 0.12 | 0.08 | 0.04 | 0.13 | 0.53 | 0.12 |
| 0.14 | 0.21 | 0.10 | 0.41 | 0.23 | 0.02 | 0.35 | 0.14 | 0.06 | 0.76 | 0.33 | 0.15 | 0.65 | 1.80 | 0.36 |
| 9.44 | 9.49 | 8.94 | 9.47 | 9.74 | 10.00 | 9.42 | 9.61 | 9.49 | 9.51 | 8.93 | 9.80 | 9.54 | 9.55 | 9.25 |
| | | | | | | | | | | | | | | |
| 0.21 | 0.16 | 0.25 | 0.34 | 0.36 | 0.27 | 0.22 | 0.17 | 0.22 | | | | | | |
| 0.01 | | 0.13 | 0.06 | | 0.05 | 0.05 | 0.01 | 0.13 | | | | | | |
| | | 0.01 | | 0.47 | 0.06 | 0.38 | | | | | | | | |
| 0.09 | 0.10 | 0.10 | 0.06 | 0.04 | 0.04 | 0.05 | 0.04 | | 0.02 | 0.07 | 0.07 | | | |
| -0.02 | -0.02 | -0.03 | -0.01 | -0.21 | -0.03 | -0.17 | -0.01 | | 0.00 | -0.02 | -0.02 | | | |
| 96.00 | 96.00 | 96.00 | 96.00 | 96.01 | 95.99 | 96.02 | 96.00 | 95.50 | 95.92 | 95.97 | 95.99 | 95.97 | 95.88 | 95.92 |
| 5.883 | 5.897 | 5.848 | 5.877 | 5.843 | 5.804 | 5.869 | 5.895 | 5.884 | 5.725 | 5.661 | 5.722 | 5.751 | 5.687 | 5.783 |
| 2.117 | 2.103 | 2.152 | 2.123 | 2.157 | 2.196 | 2.131 | 2.105 | 2.116 | 2.275 | 2.339 | 2.278 | 2.249 | 2.313 | 2.217 |
| 0.435 | 0.464 | 0.435 | 0.443 | 0.340 | 0.339 | 0.414 | 0.445 | 0.496 | 0.425 | 0.476 | 0.451 | 0.386 | 0.397 | 0.638 |
| 0.138 | 0.160 | 0.137 | 0.172 | 0.187 | 0.183 | 0.162 | 0.177 | 0.167 | 0.176 | 0.166 | 0.177 | 0.173 | 0.172 | 0.180 |
| 0.025 | 0.019 | 0.029 | 0.039 | 0.042 | 0.032 | 0.026 | 0.020 | 0.026 | | | | | | |
| 1.999 | 1.948 | 2.032 | 1.960 | 2.214 | 2.295 | 2.116 | 1.975 | 1.954 | 2.215 | 2.300 | 2.265 | 2.339 | 2.236 | 1.989 |
| 0.043 | 0.036 | 0.014 | 0.031 | 0.028 | 0.037 | 0.034 | 0.045 | 0.019 | 0.053 | 0.054 | 0.056 | 0.050 | 0.043 | 0.043 |
| 3.104 | 3.089 | 3.166 | 3.035 | 2.886 | 2.873 | 2.948 | 3.017 | 3.036 | 2.837 | 2.856 | 2.816 | 2.773 | 2.665 | 2.816 |
| 0.001 | | 0.016 | 0.007 | | 0.006 | 0.006 | 0.001 | 0.016 | | | | | | |
| 0.031 | 0.006 | 0.020 | 0.006 | 0.031 | | 0.028 | 0.034 | 0.006 | 0.020 | 0.012 | 0.006 | 0.022 | 0.086 | 0.020 |
| 0.041 | 0.061 | 0.028 | 0.119 | 0.067 | 0.006 | 0.100 | 0.041 | 0.017 | 0.221 | 0.095 | 0.045 | 0.191 | 0.530 | 0.102 |
| 1.787 | 1.793 | 1.689 | 1.791 | 1.876 | 1.926 | 1.800 | 1.818 | 1.800 | 1.826 | 1.710 | 1.882 | 1.838 | 1.846 | 1.748 |
| 19 604 | 19 576 | 19 566 | 19 603 | 19 672 | 19 695 | 19 633 | 19 573 | 19 538 | 19 773 | 19 668 | 19 700 | 19 773 | 19 974 | 19 535 |
| 3 977 | 3 975 | 3 970 | 3 985 | 3 765 | 3.961 | 3 807 | 3 990 | 4 000 | 3 995 | 3 982 | 3 982 | 4 000 | 4 000 | 4 000 |
| 5.711 | 5.775 | 0.005 | 5.705 | 0 224 | 0.029 | 0.180 | 5.770 | 4.000 | 5.775 | 5.762 | 5.762 | 4.000 | 4.000 | 4.000 |
| 0.023 | 0.025 | 0.005 | 0.015 | 0.010 | 0.010 | 0.013 | 0.010 | | 0.005 | 0.018 | 0.018 | | | |
| 1 061 | 1 091 | 1 033 | 1 060 | 0.925 | 0.884 | 0.996 | 1 078 | 1 055 | 0.803 | 0.010 | 0.806 | 0.821 | 0.732 | 0 965 |
| 0.208 | 0.220 | 0.062 | 0.251 | 0.205 | 0.004 | 0.236 | 0.256 | 0.211 | 0.013 | 0.752 | 0.101 | 0.188 | 0.752 | 0.276 |
| 458 | 552 | 453 | 589 | 594 | 571 | 525 | 600 | 572 | 552 | 510 | 550 | 526 | 521 | 590 |
| 1 20 | 1 25 | 1 31 | 1 24 | 1 04 | 1 15 | 1 18 | 1 20 | 1 39 | 1 65 | 2.00 | 1 74 | 1 45 | 1 68 | 2.12 |
| 769 | 769 | 792 | 770 | 808 | 806 | 792 | 769 | 811 | 764 | 770 | 773 | 775 | 796 | 814 |
| 3.05 | 3.31 | 4.51 | 3.72 | 5.14 | 7.22 | 4.06 | 3.38 | 7.39 | 3.97 | 3.94 | 4 | 4.23 | 6.58 | 5.49 |

| BG |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600A |
| C | В | С | В | С | В | С | В | С | В | С | В | С |
| 38.36 | 37.80 | 38.30 | 38.42 | 38.20 | 37.87 | 38.49 | 38.33 | 38.23 | 37.23 | 37.99 | 39.24 | 38.24 |
| 1.63 | 1.64 | 1.55 | 1.58 | 1.51 | 1.47 | 1.50 | 1.55 | 1.49 | 1.58 | 1.61 | 1.53 | 1.57 |
| 15.45 | 16.38 | 15.43 | 16.04 | 15.35 | 15.30 | 15.74 | 15.82 | 16.03 | 15.09 | 15.38 | 16.60 | 15.45 |
| 17.55 | 17.56 | 17.41 | 16.85 | 17.68 | 18.31 | 17.25 | 17.40 | 17.15 | 18.36 | 17.91 | 15.87 | 17.84 |
| 0.30 | 0.19 | 0.22 | 0.35 | 0.32 | 0.36 | 0.30 | 0.35 | 0.22 | 0.39 | 0.34 | 0.26 | 0.29 |
| 12.44 | 11.84 | 12.42 | 12.69 | 12.81 | 12.52 | 12.85 | 12.58 | 12.76 | 11.89 | 12.48 | 12.84 | 12.36 |
| 0.03 | 0.03 | 0.17 | 0.10 | 0.10 | 0.09 | 0.11 | 0.09 | 0.10 | 0.55 | 0.10 | 0.14 | 0.19 |
| 0.35 | 0.26 | 0.74 | 0.25 | 0.35 | 0.31 | 0.19 | 0.07 | 0.14 | 1.04 | 0.38 | 0.22 | 0.36 |
| 9.83 | 9.95 | 9.74 | 9.59 | 9.62 | 9.69 | 9.57 | 9.73 | 9.49 | 9.81 | 9.79 | 9.25 | 9.69 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 0.36 | | 0.12 | | | | | 0.33 | | | | |
| | 0.01 | 0.01 | 0.01 | 0.05 | 0.01 | | 0.03 | 0.04 | 0.03 | | 0.06 | |
| | -0.15 | 0.00 | -0.05 | -0.01 | 0.00 | | -0.01 | -0.15 | -0.01 | | -0.01 | |
| 95.93 | 96.01 | 96.00 | 96.00 | 95.97 | 95.91 | 96.00 | 95.93 | 95.98 | 95.97 | 95.98 | 96.01 | 95.99 |
| 5.757 | 5.690 | 5.748 | 5.736 | 5.735 | 5.713 | 5.748 | 5.740 | 5.726 | 5.657 | 5.717 | 5.792 | 5.743 |
| 2.243 | 2.310 | 2.252 | 2.264 | 2.265 | 2.287 | 2.252 | 2.260 | 2.274 | 2.343 | 2.283 | 2.208 | 2.257 |
| 0.489 | 0.596 | 0.477 | 0.559 | 0.452 | 0.433 | 0.519 | 0.533 | 0.556 | 0.360 | 0.445 | 0.681 | 0.477 |
| 0.184 | 0.186 | 0.174 | 0.178 | 0.170 | 0.167 | 0.168 | 0.174 | 0.168 | 0.181 | 0.183 | 0.169 | 0.178 |
| | | | | | | | | | | | | |
| 2.203 | 2.211 | 2.186 | 2.104 | 2.220 | 2.309 | 2.155 | 2.179 | 2.148 | 2.333 | 2.255 | 1.959 | 2.240 |
| 0.038 | 0.024 | 0.028 | 0.044 | 0.040 | 0.045 | 0.038 | 0.044 | 0.028 | 0.051 | 0.043 | 0.032 | 0.037 |
| 2.783 | 2.656 | 2.779 | 2.825 | 2.866 | 2.815 | 2.862 | 2.807 | 2.849 | 2.694 | 2.800 | 2.827 | 2.768 |
| 0.005 | 0.005 | 0.028 | 0.015 | 0.015 | 0.014 | 0.017 | 0.014 | 0.015 | 0.080 | 0.015 | 0.022 | 0.021 |
| 0.003 | 0.005 | 0.028 | 0.013 | 0.013 | 0.014 | 0.017 | 0.014 | 0.013 | 0.089 | 0.013 | 0.023 | 0.031 |
| 1 882 | 1 910 | 1 865 | 1.826 | 1.842 | 1.864 | 1 823 | 1 850 | 1.814 | 1 902 | 1 880 | 1 743 | 1.856 |
| 1.002 | 1.910 | 1.005 | 1.020 | 1.042 | 1.004 | 1.025 | 1.059 | 1.014 | 1.902 | 1.000 | 1.745 | 1.050 |
| 19.684 | 19.664 | 19.753 | 19.624 | 19.708 | 19.737 | 19.638 | 19.629 | 19.619 | 19.914 | 19.732 | 19.497 | 19.693 |
| 4.000 | 3.826 | 3.997 | 3.941 | 3.987 | 3.997 | 4.000 | 3.992 | 3.834 | 3.992 | 4.000 | 3.985 | 4.000 |
| | 0.171 | | 0.057 | | | | | 0.156 | | | | |
| | 0.003 | 0.003 | 0.003 | 0.013 | 0.003 | | 0.008 | 0.010 | 0.008 | | 0.015 | |
| 0.863 | 0.771 | 0.853 | 0.868 | 0.836 | 0.785 | 0.879 | 0.856 | 0.839 | 0.682 | 0.802 | 0.992 | 0.843 |
| 0.212 | 0.251 | 0.322 | 0.201 | 0.144 | 0.114 | 0.161 | 0.160 | 0.151 | 0.358 | 0.165 | 0.289 | 0.218 |
| 577 | 570 | 546 | 570 | 535 | 508 | 534 | 547 | 532 | 546 | 567 | 560 | 550 |
| 1.75 | 2.28 | 1.74 | 2.02 | 1.70 | 1.71 | 1.87 | 1.93 | 2.05 | 1.66 | 1.74 | 2.22 | 1.76 |
| 802 | 846 | 777 | 807 | 766 | 780 | 802 | 786 | 811 | 773 | 797 | 783 | 795 |
| 7.33 | 9.35 | 6.15 | 5.54 | 5.05 | 5.05 | 6.69 | 5.03 | 7.17 | 5.45 | 5.92 | 5.72 | 6.76 |

| BG |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOS-600A |
| В | С | В | С | В | С | В | С | В | С | В | С | В |
| 38.75 | 37.82 | 38.14 | 38.21 | 38.28 | 38.16 | 38.26 | 37.99 | 38.37 | 38.10 | 38.17 | 38.15 | 37.81 |
| 1.52 | 1.49 | 1.47 | 1.55 | 1.50 | 1.75 | 1.41 | 1.61 | 1.55 | 1.62 | 1.68 | 1.77 | 1.82 |
| 16.20 | 16.00 | 15.20 | 15.68 | 16.35 | 15.97 | 16.18 | 16.13 | 15.88 | 15.64 | 15.96 | 15.68 | 16.15 |
| 16.78 | 17.81 | 18.37 | 18.42 | 17.02 | 17.35 | 17.09 | 17.33 | 17.11 | 17.68 | 17.68 | 18.03 | 17.70 |
| 0.27 | 0.25 | 0.36 | 0.42 | 0.38 | 0.25 | 0.26 | 0.26 | 0.38 | 0.39 | 0.36 | 0.33 | 0.36 |
| 12.80 | 12.62 | 12.34 | 12.17 | 12.50 | 12.23 | 13.11 | 12.32 | 12.33 | 12.45 | 11.98 | 11.86 | 11.75 |
| 0.10 | 0.16 | 0.15 | 0.12 | 0.11 | | | 0.02 | 0.11 | | | 0.04 | 0.01 |
| 0.13 | 0.42 | 0.38 | 0.27 | 0.15 | 0.27 | 0.28 | 0.43 | 0.36 | 0.21 | 0.16 | 0.29 | 0.19 |
| 9.43 | 9.41 | 9.48 | 9.02 | 9.60 | 9.69 | 9.26 | 9.70 | 9.86 | 9.81 | 9.82 | 9.82 | 10.13 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | 0.06 | | | 0.33 | | | | | | | |
| 0.03 | | 0.03 | 0.07 | | 0.01 | 0.04 | 0.04 | 0.02 | 0.02 | | | 0.03 |
| -0.01 | | -0.03 | -0.02 | | -0.14 | -0.01 | -0.01 | 0.00 | 0.00 | | | -0.01 |
| 95.99 | 95.99 | 95.99 | 95.94 | 95.89 | 96.00 | 95.89 | 95.82 | 95.95 | 95.93 | 95.82 | 95.95 | 95.96 |
| 5.760 | 5.673 | 5.747 | 5.737 | 5.718 | 5.727 | 5.707 | 5.700 | 5.747 | 5.724 | 5.733 | 5.737 | 5.690 |
| 2.240 | 2.327 | 2.253 | 2.263 | 2.282 | 2.273 | 2.293 | 2.300 | 2.253 | 2.276 | 2.267 | 2.263 | 2.310 |
| 0.598 | 0.502 | 0.446 | 0.512 | 0.596 | 0.553 | 0.551 | 0.553 | 0.550 | 0.493 | 0.560 | 0.516 | 0.554 |
| 0.170 | 0.168 | 0.166 | 0.175 | 0.168 | 0.197 | 0.158 | 0.182 | 0.174 | 0.183 | 0.190 | 0.200 | 0.206 |
| 2.086 | 2 234 | 2 315 | 2 313 | 2 126 | 2 177 | 2 132 | 2 175 | 2 1/3 | 2 2 2 2 | 2 221 | 2 268 | 2 228 |
| 0.034 | 0.032 | 0.047 | 0.054 | 0.049 | 0.032 | 0.033 | 0.033 | 0.049 | 0.050 | 0.045 | 0.042 | 0.046 |
| 2 836 | 2 822 | 2 771 | 2 725 | 2 783 | 2 736 | 2 916 | 2 755 | 2 752 | 2 788 | 2 683 | 2 658 | 2 636 |
| 2.050 | 2.022 | 2.771 | 2.125 | 2.705 | 2.750 | 2.910 | 2.155 | 2.152 | 2.700 | 2.005 | 2.050 | 2.050 |
| 0.015 | 0.026 | 0.025 | 0.020 | 0.017 | | | 0.003 | 0.017 | | | 0.006 | 0.002 |
| 0.039 | 0.123 | 0.112 | 0.078 | 0.044 | 0.078 | 0.081 | 0.126 | 0.103 | 0.062 | 0.048 | 0.084 | 0.056 |
| 1.788 | 1.800 | 1.823 | 1.728 | 1.829 | 1.854 | 1.763 | 1.856 | 1.883 | 1.880 | 1.882 | 1.884 | 1.944 |
| 10 565 | 10 706 | 10 705 | 10.604 | 10.612 | 10.620 | 10.634 | 10.682 | 10.671 | 10 670 | 10.628 | 10 657 | 10 672 |
| 3 992 | 4 000 | 3.96/ | 3 982 | 4 000 | 3 8/1 | 3 990 | 3 990 | 3 995 | 3 995 | 4 000 | 4 000 | 3 992 |
| 5.772 | 4.000 | 0.029 | 5.762 | 4.000 | 0.157 | 5.770 | 5.770 | 5.775 | 5.775 | 4.000 | 4.000 | 5.772 |
| 0.008 | | 0.029 | 0.018 | | 0.003 | 0.010 | 0.010 | 0.005 | 0.005 | | | 0.008 |
| 0.000 | 0 772 | 0.829 | 0.838 | 0 846 | 0.829 | 0.840 | 0.800 | 0.863 | 0.820 | 0.831 | 0 829 | 0.000 |
| 0 192 | 0.134 | 0.159 | 0.085 | 0 197 | 0 191 | 0.091 | 0.300 | 0.283 | 0.142 | 0 199 | 0.209 | 0.220 |
| 545 | 52.1 | 504 | 528 | 531 | 616 | 506 | 570 | 547 | 572 | 584 | 608 | 629 |
| 2.07 | 2.04 | 1.65 | 1.88 | 2,19 | 2.03 | 2.09 | 2.11 | 1.96 | 1.86 | 2.03 | 1.89 | 2.15 |
| 787 | 807 | 772 | 765 | 808 | 822 | 779 | 779 | 787 | 775 | 800 | 803 | 806 |
| 6.01 | 7.07 | 4.63 | 4.1 | 5.54 | 7.71 | 5.63 | 6.06 | 5.54 | 4.85 | 6.22 | 7.05 | 7.55 |

| BG | BG | BG | BG | BG | BG | BG | BG | BG |
|----------|----------|----------|----------|----------|----------|----------|--------|--------|---------|--------|--------|--------|--------|--------|
| SOS-600A | FDS-11 | FDS-11 | FDS-11 | FDS-11 | FDS-11 | FDS-11 | FDS-11 | FDS-11 |
| C | В | С | В | С | В | С | С | С | Ι | Ι | Ι | Ι | В | С |
| 37.85 | 38.42 | 38.23 | 38.49 | 38.41 | 38.13 | 37.94 | 38.69 | 38.40 | 38.40 | 38.40 | 38.50 | 38.30 | 38.88 | 38.86 |
| 1.78 | 1.72 | 1.63 | 1.42 | 1.64 | 1.69 | 1.62 | 1.15 | 1.63 | 1.73 | 1.82 | 1.92 | 1.73 | 1.73 | 1.66 |
| 15.72 | 15.96 | 15.87 | 15.97 | 15.86 | 15.96 | 16.02 | 16.03 | 15.94 | 16.13 | 15.65 | 15.84 | 15.65 | 16.51 | 15.88 |
| 17.96 | 17.43 | 17.43 | 16.93 | 17.70 | 17.99 | 17.60 | 17.76 | 18.24 | 17.95 | 18.14 | 17.95 | 18.34 | 17.28 | 17.05 |
| 0.44 | 0.29 | 0.32 | 0.39 | 0.29 | 0.31 | 0.25 | 0.38 | 0.29 | 0.38 | 0.38 | 0.19 | 0.38 | 0.29 | 0.24 |
| 12.03 | 11.88 | 12.44 | 12.48 | 12.14 | 12.30 | 12.59 | 12.38 | 11.81 | 11.81 | 11.90 | 11.90 | 11.81 | 11.90 | 12.26 |
| 0.05 | 0.03 | 0.07 | 0.27 | | 0.06 | | | | | | | | | 0.09 |
| 0.13 | 0.40 | 0.08 | 0.70 | | 0.11 | 0.20 | | | | | | | | 0.18 |
| 9.89 | 9.73 | 9.67 | 9.28 | 9.82 | 9.25 | 9.69 | 9.60 | 9.70 | 9.60 | 9.70 | 9.60 | 9.89 | 9.50 | 9.47 |
| | | | | | | | | | | | | | | 0.20 |
| | | | | | | | | | | | | | | 0.12 |
| | | 0.00 | | | 0.00 | | 0.00 | 0.00 | 0.50 | | 0.40 | | | |
| 0.00 | 0.00 | 0.20 | 0.07 | | 0.03 | | 0.20 | 0.30 | 0.50 | 0.50 | 0.40 | 0.70 | 0.70 | |
| 0.03 | 0.02 | 0.01 | 0.06 | | 0.02 | | 0.00 | 0.10 | | 0.10 | 0.45 | 0.10 | | |
| -0.01 | 0.00 | -0.09 | -0.01 | 05.05 | -0.02 | 05.00 | -0.08 | -0.13 | -0.21 | -0.23 | -0.17 | -0.32 | -0.29 | 0 < 00 |
| 95.89 | 95.89 | 95.94 | 96.00 | 95.87 | 95.84 | 95.90 | 96.20 | 96.30 | 96.50 | 96.60 | 96.30 | 96.90 | 96.80 | 96.00 |
| 5.704 | 5.757 | 5.734 | 5.747 | 5.758 | 5.718 | 5.689 | 5.782 | 5.755 | 5.742 | 5.761 | 5.764 | 5.754 | 5.777 | 5.794 |
| 2.296 | 2.243 | 2.266 | 2.253 | 2.242 | 2.282 | 2.311 | 2.218 | 2.245 | 2.238 | 2.239 | 2.230 | 2.240 | 2.223 | 2.206 |
| 0.497 | 0.577 | 0.539 | 0.558 | 0.561 | 0.538 | 0.521 | 0.606 | 0.570 | 0.585 | 0.528 | 0.560 | 0.525 | 0.009 | 0.585 |
| 0.201 | 0.194 | 0.184 | 0.160 | 0.185 | 0.191 | 0.183 | 0.129 | 0.184 | 0.194 | 0.206 | 0.216 | 0.195 | 0.193 | 0.180 |
| 2.264 | 0 105 | 2 1 9 7 | 0.115 | 2 220 | 2.256 | 2 207 | 2 220 | 2 200 | 2 2 4 5 | 0 077 | 0.040 | 2 204 | 0 1 47 | 0.014 |
| 2.264 | 2.185 | 2.18/ | 2.115 | 2.220 | 2.256 | 2.207 | 2.220 | 2.280 | 2.245 | 2.277 | 2.248 | 2.304 | 2.14/ | 2.120 |
| 0.030 | 0.037 | 0.040 | 0.030 | 0.057 | 0.039 | 0.052 | 0.049 | 0.057 | 0.049 | 0.049 | 0.024 | 0.049 | 0.050 | 0.050 |
| 2.702 | 2.035 | 2.782 | 2.778 | 2.714 | 2.749 | 2.815 | 2.739 | 2.038 | 2.032 | 2.002 | 2.037 | 2.044 | 2.057 | 2.723 |
| 0.008 | 0.005 | 0.011 | 0.043 | | 0.000 | | | | | | | | | 0.014 |
| 0.008 | 0.005 | 0.011 | 0.043 | | 0.009 | 0.059 | | | | | | | | 0.014 |
| 1 901 | 1 861 | 1 850 | 1 768 | 1 878 | 1 770 | 1 853 | 1 830 | 1 854 | 1 831 | 1 855 | 1 833 | 1 895 | 1 801 | 1 800 |
| 1.901 | 1.001 | 1.050 | 1.700 | 1.070 | 1.770 | 1.055 | 1.050 | 1.054 | 1.051 | 1.055 | 1.055 | 1.075 | 1.001 | 0.012 |
| 19.668 | 19.628 | 19.615 | 19.674 | 19.594 | 19.582 | 19.667 | 19.592 | 19.580 | 19.558 | 19.577 | 19.539 | 19.612 | 19.484 | 19.544 |
| 3.992 | 3.995 | 3.903 | 3.985 | 4.000 | 3.981 | 4.000 | 3.905 | 3.858 | 3.764 | 3.737 | 3.811 | 3.642 | 3.671 | 4.000 |
| | | 0.095 | | | 0.014 | | 0.095 | 0.142 | 0.236 | 0.237 | 0.189 | 0.333 | 0.329 | |
| 0.008 | 0.005 | 0.003 | 0.015 | | 0.005 | | | | | 0.025 | | 0.025 | | |
| 0.781 | 0.871 | 0.840 | 0.879 | 0.870 | 0.824 | 0.792 | 0.913 | 0.868 | 0.866 | 0.869 | 0.883 | 0.854 | 0.940 | 0.940 |
| 0.140 | 0.287 | 0.149 | 0.322 | 0.176 | 0.067 | 0.109 | 0.194 | 0.160 | 0.142 | 0.130 | 0.141 | 0.156 | 0.221 | 0.265 |
| 616 | 597 | 578 | 500 | 572 | 588 | 575 | 363 | 555 | 591 | 625 | 656 | 589 | 598 | 586 |
| 1.93 | 2.01 | 1.97 | 1.99 | 1.96 | 2.01 | 2.05 | 2.03 | 2.00 | 2.08 | 1.85 | 1.94 | 1.87 | 2.23 | 1.93 |
| 787 | 780 | 814 | 770 | 811 | 780 | 806 | 816 | 826 | 839 | 818 | 860 | 833 | 853 | 804 |
| 5.32 | 6.46 | 6.32 | 4.72 | 7.76 | 5.59 | 7.3 | 5.94 | 7.63 | 6.34 | 5.47 | 9.62 | 6.32 | 7.65 | 7.83 |

| BG | BG | BG | BG | BG | BG | BG | BG | BG |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| FDS-11 | FDS-11 | FDS-11 | FDS-11 | FDS-11 | FDS-11 | FDS-11 | FDS-11 | FDS-11 |
| I | Ι | В | С | С | С | С | С | С | С | С | С | С | С | С | С | С | С |
| 37.35 | 37.84 | 38.27 | 37.71 | 37.99 | 38.36 | 37.96 | 38.64 | 37.86 | 37.80 | 37.48 | 37.27 | 37.55 | 38.08 | 38.01 | 38.40 | 37.05 | 37.97 |
| 1.56 | 1.73 | 1.68 | 2.49 | 2.16 | 2.34 | 1.30 | 1.86 | 2.23 | 2.05 | 2.39 | 0.08 | 2.35 | 2.34 | 1.34 | 1.24 | 1.90 | 1.60 |
| 15.77 | 15.81 | 16.05 | 16.46 | 16.86 | 17.03 | 16.36 | 15.96 | 15.50 | 15.21 | 15.03 | 15.33 | 15.10 | 15.80 | 15.57 | 15.77 | 15.25 | 15.78 |
| 14.76 | 17.25 | 17.31 | 18.42 | 17.33 | 17.03 | 18.38 | 16.95 | 17.85 | 18.27 | 18.07 | 17.51 | 18.28 | 17.83 | 18.30 | 18.13 | 18.70 | 17.73 |
| 0.26 | 0.37 | 0.24 | 0.35 | 0.30 | 0.38 | 0.43 | 0.29 | 0.31 | 0.37 | 0.38 | | 0.36 | 0.41 | 0.38 | 0.32 | 0.25 | 0.32 |
| 12.04 | 12.16 | 12.26 | 10.28 | 10.14 | 10.54 | 11.35 | 12.36 | 11.95 | 11.88 | 11.45 | 11.60 | 11.51 | 10.75 | 12.56 | 11.74 | 11.62 | 12.43 |
| 0.73 | 0.13 | 0.23 | 0.08 | 0.09 | 0.12 | 0.15 | 0.21 | 0.12 | 0.12 | | | 0.10 | 0.18 | 0.09 | 0.09 | 0.33 | 0.17 |
| 4.49 | 1.01 | 0.14 | 0.14 | 1.07 | 0.40 | 0.46 | 0.12 | 0.24 | 0.27 | 0.29 | 1.47 | 0.59 | 0.78 | 0.36 | 0.76 | 1.07 | 0.36 |
| 8.64 | 9.54 | 9.59 | 9.57 | 9.40 | 9.36 | 9.35 | 9.34 | 9.64 | 9.57 | 9.32 | 9.11 | 9.69 | 9.28 | 9.04 | 9.13 | 9.44 | 9.19 |
| 0.18 | 0.06 | 0.20 | 0.34 | 0.58 | 0.36 | 0.11 | 0.17 | 0.15 | 0.29 | 0.94 | 0.14 | 0.29 | 0.35 | 0.18 | 0.17 | 0.09 | 0.26 |
| 0.07 | 0.03 | | 0.08 | 0.06 | | 0.10 | 0.02 | 0.11 | 0.12 | 0.02 | 2.51 | 0.04 | | 0.07 | 0.05 | 0.12 | 0.16 |
| 0.07 | 0.02 | | 0.03 | 0.02 | 0.01 | 0.01 | 0.05 | | | | 0.25 | 0.10 | 0.09 | 0.06 | 0.15 | 0.13 | |
| | | | | | | | | | | | | | | | | | |
| | 0.03 | | | | 0.06 | | | | | | 0.48 | | 0.10 | | | | |
| | -0.01 | | | | -0.01 | | | | | | -0.11 | | -0.02 | | | | |
| 95.93 | 95.99 | 95.97 | 95.94 | 95.97 | 96.01 | 95.95 | 95.97 | 95.95 | 95.96 | 95.38 | 95.74 | 95.93 | 95.99 | 95.96 | 95.95 | 95.93 | 95.98 |
| 5.617 | 5.687 | 5.728 | 5.687 | 5.712 | 5.730 | 5.713 | 5.761 | 5.698 | 5.710 | 5.716 | 5.688 | 5.690 | 5.739 | 5.714 | 5.771 | 5.630 | 5.699 |
| 2.383 | 2.313 | 2.272 | 2.313 | 2.288 | 2.270 | 2.287 | 2.239 | 2.302 | 2.290 | 2.284 | 2.312 | 2.310 | 2.261 | 2.286 | 2.229 | 2.370 | 2.301 |
| 0.412 | 0.488 | 0.560 | 0.614 | 0.700 | 0.729 | 0.614 | 0.564 | 0.449 | 0.418 | 0.418 | 0.446 | 0.388 | 0.546 | 0.474 | 0.565 | 0.362 | 0.491 |
| 0.177 | 0.195 | 0.189 | 0.282 | 0.244 | 0.263 | 0.147 | 0.209 | 0.252 | 0.233 | 0.274 | 0.009 | 0.268 | 0.265 | 0.152 | 0.140 | 0.217 | 0.181 |
| 0.008 | 0.003 | | 0.009 | 0.007 | | 0.011 | 0.002 | 0.013 | 0.014 | 0.002 | 0.302 | 0.005 | | 0.008 | 0.006 | 0.014 | 0.019 |
| 1.857 | 2.168 | 2.167 | 2.324 | 2.179 | 2.128 | 2.314 | 2.114 | 2.246 | 2.308 | 2.304 | 2.235 | 2.317 | 2.247 | 2.301 | 2.279 | 2.377 | 2.226 |
| 0.033 | 0.048 | 0.030 | 0.044 | 0.038 | 0.049 | 0.055 | 0.036 | 0.039 | 0.048 | 0.050 | | 0.046 | 0.053 | 0.049 | 0.040 | 0.032 | 0.040 |
| 2.698 | 2.725 | 2.735 | 2.312 | 2.272 | 2.347 | 2.546 | 2.746 | 2.681 | 2.676 | 2.604 | 2.638 | 2.601 | 2.415 | 2.814 | 2.630 | 2.631 | 2.782 |
| 0.008 | 0.002 | | 0.003 | 0.002 | 0.001 | 0.001 | 0.006 | | | | 0.031 | 0.012 | 0.010 | 0.007 | 0.019 | 0.016 | |
| 0.118 | 0.022 | 0.037 | 0.012 | 0.014 | 0.020 | 0.025 | 0.034 | 0.019 | 0.020 | | | 0.016 | 0.029 | 0.014 | 0.014 | 0.053 | 0.028 |
| 1.310 | 0.294 | 0.042 | 0.042 | 0.311 | 0.117 | 0.134 | 0.036 | 0.070 | 0.079 | 0.085 | 0.435 | 0.172 | 0.227 | 0.106 | 0.221 | 0.314 | 0.106 |
| 1.657 | 1.829 | 1.831 | 1.841 | 1.803 | 1.783 | 1.795 | 1.776 | 1.850 | 1.844 | 1.813 | 1.774 | 1.873 | 1.784 | 1.734 | 1.750 | 1.829 | 1.759 |
| 0.011 | 0.003 | 0.012 | 0.020 | 0.034 | 0.021 | 0.006 | 0.010 | 0.009 | 0.017 | 0.056 | 0.009 | 0.017 | 0.020 | 0.011 | 0.010 | 0.005 | 0.015 |
| 20.288 | 19.777 | 19.603 | 19.504 | 19.603 | 19.458 | 19.649 | 19.534 | 19.628 | 19.657 | 19.607 | 19.877 | 19.713 | 19.598 | 19.670 | 19.675 | 19.851 | 19.647 |
| 4.000 | 3.992 | 4.000 | 4.000 | 4.000 | 3.985 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 3.876 | 4.000 | 3.974 | 4.000 | 4.000 | 4.000 | 4.000 |
| | | | | | | | | | | | | | | | | | |
| | 0.008 | | | | 0.015 | | | | | | 0.124 | | 0.026 | | | | |
| 0.695 | 0.777 | 0.845 | 0.757 | 0.802 | 0.859 | 0.798 | 0.903 | 0.782 | 0.775 | 0.727 | 0.691 | 0.733 | 0.820 | 0.805 | 0.870 | 0.651 | 0.797 |
| 1.103 | 0.313 | 0.231 | 0.231 | 0.556 | 0.393 | 0.294 | 0.204 | 0.121 | 0.125 | 0.132 | 0.587 | 0.173 | 0.353 | 0.078 | 0.323 | 0.238 | 0.143 |
| 588 | 610 | 592 | 779 | 702 | 758 | 410 | 658 | 750 | 69 <mark>8</mark> | 788 | -1249 | 773 | 758 | 454 | 392 | 645 | 563 |
| 1.94 | 1.96 | 2.05 | 2.34 | 2.52 | 2.56 | 2.26 | 1.97 | 1.80 | 1.67 | 1.66 | 1.83 | 1.64 | 1.97 | 1.83 | 1.94 | 1.75 | 1.93 |
| 801 | 774 | 809 | 804 | 813 | 782 | 802 | 810 | 801 | 792 | 785 | 795 | 787 | 772 | 794 | 794 | 795 | 804 |
| 7.69 | 4.56 | 8.42 | 6.6 | 6.94 | 5.4 | 4.97 | 7.08 | 6.51 | 4.95 | 4.44 | 5.43 | 4.71 | 4.95 | 4.85 | 5.86 | 6.71 | 5.98 |

| BG |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| FDS-11 |
| С | С | С | С | С | С | С | С | С |
| 37.85 | 38.19 | 37.80 | 39.31 | 34.92 | 38.89 | 39.08 | 38.22 | 37.86 |
| 1.71 | 1.71 | 2.41 | 2.18 | 0.84 | 1.13 | 1.10 | 1.59 | 1.73 |
| 15.86 | 15.92 | 15.53 | 15.69 | 12.36 | 15.28 | 15.74 | 15.83 | 15.80 |
| 17.77 | 17.36 | 18.55 | 17.33 | 0.23 | 17.24 | 16.49 | 17.75 | 17.17 |
| 0.43 | 0.40 | 0.32 | 0.36 | 0.12 | 0.28 | 0.17 | 0.37 | 0.26 |
| 12.44 | 12.62 | 11.58 | 10.58 | 9.97 | 12.76 | 13.26 | 12.20 | 11.90 |
| 0.01 | 0.11 | 0.01 | 0.07 | | | 0.09 | 0.12 | 0.18 |
| 0.29 | 0.26 | 0.23 | 0.15 | 4.49 | 0.30 | 0.36 | 0.20 | 1.25 |
| 9.36 | 9.16 | 9.22 | 9.83 | 8.55 | 9.59 | 9.32 | 9.52 | 9.50 |
| 0.17 | 0.08 | 0.18 | 0.19 | | 0.21 | 0.24 | | |
| 0.06 | 0.13 | | 0.03 | 3.12 | 0.21 | 0.10 | 0.09 | 0.25 |
| | | 0.08 | 0.01 | 16.20 | 0.02 | 0.02 | | 0.04 |
| | | | | | | | | |
| | | | | 5.27 | | | | |
| | | | | -1.19 | | | | |
| 95.95 | 95.93 | 95.90 | 95.73 | 96.09 | 95.91 | 95.98 | 95.90 | 95.95 |
| 5.685 | 5.709 | 5.697 | 5.891 | 5.705 | 5.823 | 5.810 | 5.732 | 5.690 |
| 2.315 | 2.291 | 2.303 | 2.109 | 2.295 | 2.177 | 2.190 | 2.268 | 2.310 |
| 0.492 | 0.514 | 0.457 | 0.661 | 0.086 | 0.520 | 0.569 | 0.531 | 0.490 |
| 0.193 | 0.192 | 0.273 | 0.246 | 0.103 | 0.128 | 0.123 | 0.180 | 0.195 |
| 0.007 | 0.016 | | 0.003 | 0.403 | 0.025 | 0.011 | 0.010 | 0.030 |
| 2.232 | 2.170 | 2.338 | 2.172 | 0.031 | 2.159 | 2.051 | 2.227 | 2.159 |
| 0.055 | 0.051 | 0.040 | 0.046 | 0.017 | 0.035 | 0.022 | 0.048 | 0.033 |
| 2.785 | 2.813 | 2.601 | 2.363 | 2.429 | 2.848 | 2.938 | 2.728 | 2.667 |
| | | 0.009 | 0.001 | 2.128 | 0.002 | 0.002 | | 0.005 |
| 0.002 | 0.017 | 0.002 | 0.011 | | | 0.014 | 0.020 | 0.029 |
| 0.084 | 0.075 | 0.067 | 0.045 | 1.423 | 0.086 | 0.105 | 0.059 | 0.364 |
| 1.793 | 1.746 | 1.772 | 1.879 | 1.782 | 1.832 | 1.768 | 1.822 | 1.822 |
| 0.010 | 0.004 | 0.011 | 0.011 | | 0.012 | 0.014 | | |
| 19.653 | 19.599 | 19.569 | 19.438 | 20.403 | 19.647 | 19.618 | 19.624 | 19.793 |
| 4.000 | 4.000 | 4.000 | 4.000 | 2.541 | 4.000 | 4.000 | 4.000 | 4.000 |
| | | | | | | | | |
| | | | | 1.459 | | | | |
| 0.778 | 0.831 | 0.773 | 1.019 | 0.308 | 0.948 | 0.973 | 0.838 | 0.780 |
| 0.076 | 0.092 | 0.016 | 0.465 | | 0.277 | 0.285 | 0.173 | 0.404 |
| 601 | 608 | 782 | 714 | 1039 | 368 | 369 | 555 | 606 |
| 1.98 | 1.97 | 1.83 | 1.87 | 0.68 | 1.64 | 1.83 | 1.95 | 1.95 |
| 801 | 808 | 797 | 812 | | 791 | 804 | 799 | 805 |
| 4.49 | 4.65 | 6.08 | 6.7 | | 6.26 | 7.22 | 5.56 | 6.84 |