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Commodity-Industry Classification Proxy: A Correspondence Table between SITC Revision 2 and ISIC Revision 3

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Abstract

The correspondence table is one of the important tools in categorizing existing records into different perspective. It helps to understand the pattern of various economic activities from single source of data. Nevertheless, most of the existing correspondence tables have been focusing more on the latest classification and neglect the correspondence for the older version. Since some analysis would require longer series of data, therefore it is necessary to create a correspondence table for the earlier version of classification. This paper devoted to create a correspondence table between SITC Revision 2 and ISIC Revision 3 using a proxy method. The proxy is done using the SITC Rev.2 – SITC Rev.3 correspondence table and the SITC Rev.3 – ISIC Rev.3 correspondence table. This method has capable to directly find an industrial match for more than 98 percent of commodities under SITC Rev.3. For remaining commodities which industrial category cannot be matched directly, the identification was done automatically based on the closest code.

Keywords: UNSD, EUROSTAT, SITC Rev.2, SITC Rev.3, ISIC Rev.3, correspondence table

1. Introduction

Since the second half of 20th century, the advancement in the application of mathematics and statistics in economic study supported by rapid development of information and communication technology (ICT) has enabled economists to conduct a complex empirical analysis on many issues and problems related to the uncertainty and applicability of various theories in economic studies. Advancement in computer technology especially, has brought about to significant quantity and quality improvement of socioeconomics data that are crucial for experimental purpose.¹ Nevertheless, in many cases, experimental data is not always available, and if available—secondary data especially—is not in a ready-to-use form. It usually contains several problems such as irrelevancy and redundancy. For that reason, several international institutions and economists have established a standard references table and system. One of which is very important in the field of international trade analysis is the correspondence table. There several international agencies involve in establishing the correspondence tables. Two of the agencies which provide comprehensive references of the correspondence tables are the United Nation Statistics Division and the EUROSTAT of the European Commission.²

The correspondences tables created by these agencies, however, have been focusing more on the latest classification and given less attention to the older version. Although the older classifications do not provide details information compare to the latest version, the older version usually contains longer period of time series data. In any empirical analysis, the length of time series is one of the important criteria. For example, in the field of international trade study, a long time series data is necessary to analyze the trend and the life cycle of traded commodities and industries.

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¹ “Modern science would be inconceivable without computers to gather data and run models and simulations” Henderson, Harry (2009), Encyclopedia of Computer Science and Technology, Facts on File Inc, New York, p. V.

² Other agencies involve in establishing the correspondence table are the U.S. Economic Classification Policy Committee (ECPC), Statistics Canada, and Mexico's Instituto Nacional de Estadística, Geografía e Informática.

Against this background, this paper intends to fill the gaps in the current correspondence table of commodity to industrial classification by creating—based on the existing correspondence table list—a correspondence table for Standard International Trade Commodity Revision Two (SITC Rev.2) classification to International Standard of Industrial Classification Revision Three (ISIC Rev.3).

2. Correspondence Table and Modern Behaviour of Market

Since the collapsed of Bretton Woods system in 1971, the increasing complexity of international economic system has generated a large volume of literature in re-thinking the conventional trade theory. Rapid development of information and communication technology (ICT) and global transportation network have furnished the business sector all over the world with a new business dimension. Hence, that transformation has brought about significant changes on international trade pattern especially the intra-industry trade (IIT) activity.³ In general, there are three outstanding characteristics of modern economic activities underlying the argument of new trade theory in reflecting the modern market behavior.

First, the increasing dynamic features of production factors and national policies to influence the production capacity to grow with increasing return. Second, the expansions of trade model from perfect competition to the imperfect competition especially the monopolistic competition. This is partially related to the first factor, whereby increasing intensity of trade liberalization among nations and mobilization of production factors have enable firms to expand their production without being constrained by diminishing return. Krugman and Obstfeld (2003: pp.126-127) suggest that there are two key assumptions of the monopolistic competition models. First, firm is able to differentiate its product from that of its rivals. Second, since product holds certain unique characteristics, demand is less affected by price change, hence each firm is to take the prices charged by its rivals as given.

While the aforementioned two factors explain the market behavior from the supply side, the third characteristic of modern trade theory is attributed to the demand side. This is reflected by domestic market peculiarities across different countries, which are not fixed and varies in various aspects such as taste, average income, knowledge, gender, age, culture and geographical division. While production in each particular country tries to meets unique characteristic of domestic market demand, it also enters symmetrically into the international market demand and subsequently offers the market with goods and services, which are different in the form of functionalities, taste, design, ingredient, quality, and appearances.⁴ This is termed as the “home market” effects on the pattern of trade by Krugman (1980). According to Krugman (1980) a country tends to export those goods for which they have relatively large domestic market.

In line with the persistent changes in international market structure according to the appearance of new commodities and industries, the United Nations (2005: p.xxiv; OECD (2009) and related international institutions have consistently revised the existing classification. There are 210 types correspondence tables established ranging from various categories of classification and revisions. Out of this, 62 types are maintained by the UNSD and 148 by the EUROSTAT.

³ KRUGMAN, P. & OBSTFELD, D. (2003) *International Economics: Theory and Policy*, Boston, Pearson Education, Inc.

⁴ See GRUBEL, H. G. & LLYOLD, P. J. (Eds.) (1993) *The Empirical Measurement of Intra-Industry Trade*, Aldershot, Edward Elgar Publishing Limited.

SITC and ISIC Classification

Table 1 and Table 2 illustrate structural changes of SITC and ISIC classification, respectively, since the two classifications were first introduced. The SITC was first introduced by the United Nations Economic and Social Council in 1950 United Nations (2005: p.xxiv). Since then—until the year 2006—the SITC classification has been revised four times.⁵ As shown in Table 1, between the 1975 and 1985, there were drastic changes in the number of commodities classified. Compare to the original version of SITC, the number of commodity classified under the five digit codes of SITC Rev.4 increased more than fivefold.

Similarly, the ISIC classification also has been revised regularly since it was first introduced in 1948 (see Table 2). Before the establishment of the ISIC Rev.2, industrial classifications were limited to three digit details. However, as rapid advancement in ICT stimulates international trade and investment activities especially since 1980s, several other industries emerged and the existing industries were further detailed into several industrial categories. Until 2008, in line with the increasing complexity of international economic activities, the ISIC classification has been revised five times.

Table 1 SITC Classification Structure after Revision

Classification		SITC (Original)	SITC Rev.1	SITC Rev.2	SITC Rev.3	SITC Rev.4
Structure	Year of Revision	1950	1960	1975	1985	2006
	Code Level					
	1- digit code	10	10	10	10	10
	2-digit code	52	56	63	67	67
	3-digit code	150	177	233	261	263
	4-digit code	Na	625	786	1033	1024
	5-digit code	570	1312	1832	3121	2970

Notes: (i) Details for SITC Original to SITC Rev.3 is obtained from Ximing and Fukao (1997) and for SITC Rev.4, details was obtained from Nations (2008).

(ii) Na – Not available

Source: United Nations, *International Trade Statistics Yearbook*, various issues.

Table 2 ISIC Classification Structure after Revision

Classification		ISIC (Original)	ISIC Rev.1	ISIC Rev.2	ISIC Rev.3	ISIC Rev.3.1	ISIC Rev.4
Structure	Year of Revision	1948	1958	1968	1989	1994	2008
	Code Level						
	1- digit code	9	9	9	17	17	21
	2-digit code	44	45	34	60	62	88
	3-digit code	113	124	72	159	161	238
	4-digit code	nil	nil	160	292	298	419

Notes: (i) Details for SITC Original to SITC Rev.3 is obtained from Ximing and Fukao (1997) and for SITC Rev.4, details was obtained from United Nations, 2008

(ii) Nil – There is no 4-digit level for ISIC 1948 and ISIC Rev.1 (1958). Technically, there are, the major division is numbered from 0 to 9. However, code and code are taken together as one ‘major division’.

Source: (i) United Nations, *International Standard Industrial Classification of All Economic Activities*, and various issues.

(ii) Email correspondence between Economic Statistics and Classifications Section, United Nations Statistics Division and author, 23 May 2009.

⁵ See for further information on retails structure of SITC classification, UNITED NATIONS (2005) *2003 International Trade Statistics Yearbook*, United Nations Publications; OECD (2009) *Databases - Economic Policy and Foreign Trade*. OECD Washington Center.

In general, there are two major attributes underpinning the rising number of commodity and industry since 1980s. First, the increasing volume and trend of intra-industry trade between nations. Second, the proliferation of vertically-integrated and horizontally-integrated foreign direct investment (FDI) activities. These are among the major factors facilitating the emergence of new category of industrial activities, hence varying the number commodity in international market.

3. The Significance of Establishing the SITC Rev. 2 to ISIC Rev. 3 Correspondence Table

Based on the index of correspondence table provided by UNSD⁶ and EUROSTAT⁷, we can observe that most correspondence table is based on the classification created since 1990s onward. For the SITC and ISIC in particular, it is quite unfortunate that the UNSD—the trusty agencies in developing the correspondence table—does not provides the correspondence between these two categories. The only correspondence available between the SITC and the ISIC is the one created by the EUROSTAT (i.e. SITC Rev.3 – ISIC Rev.3). Nevertheless, in certain circumstances, the applicability of the SITC Rev.3 – ISIC Rev.3 correspondence is limited by the length of time series data. It is noteworthy that although SITC Rev.3 was introduced in 1985, not all country can comply with the new classification instantly.⁸ In order words, there are lag of time between the time of establishment and the time a particular classification being adopted by the related agencies in one country. This has subsequently reduced the number of year reported using a particular classification. Hence, restraint some studies, which require adequate length of time series data to come with robust analysis. Since the SITC Rev.2 contains longer time series data compare to the SITC Rev.3, the correspondence table proposed by this paper will offer future related studies to perform analysis with less constraint by the length of time series requirement.

Another reason for establishing the industrial category for commodity under the SITC Rev.2 classification is the availability of the commodity-factor intensity correspondence table. The SITC Rev.2 is the only classification so far adopted by the United Nations Conference on Trade and Development (UNCTAD) in their commodity-factor intensity classification.⁹ Hence, identifying the industrial category for SITC Rev.2 commodity will provide a rather complete package for future studies to analyze the three aspects of international division of labor: the commodity produce, industrial activity, and factor intensity usage.

4. Methodology

Figure 1 illustrates the logical procedure to proxy the industrial category of SITC Rev.2 commodities to ISIC Rev.3 industrial classification. In order to gauge the industrial classification of commodity under the SITC Rev.2, firstly we need the SITC Rev.2 to SITC Rev.3 and the SITC Rev.3 to ISIC Rev.3. The SITC Rev.2 to SITC Rev.3 correspondence table is obtained from the UNSD, while the SITC Rev.3 to ISIC Rev.3 is acquired from the EUROSTAT.

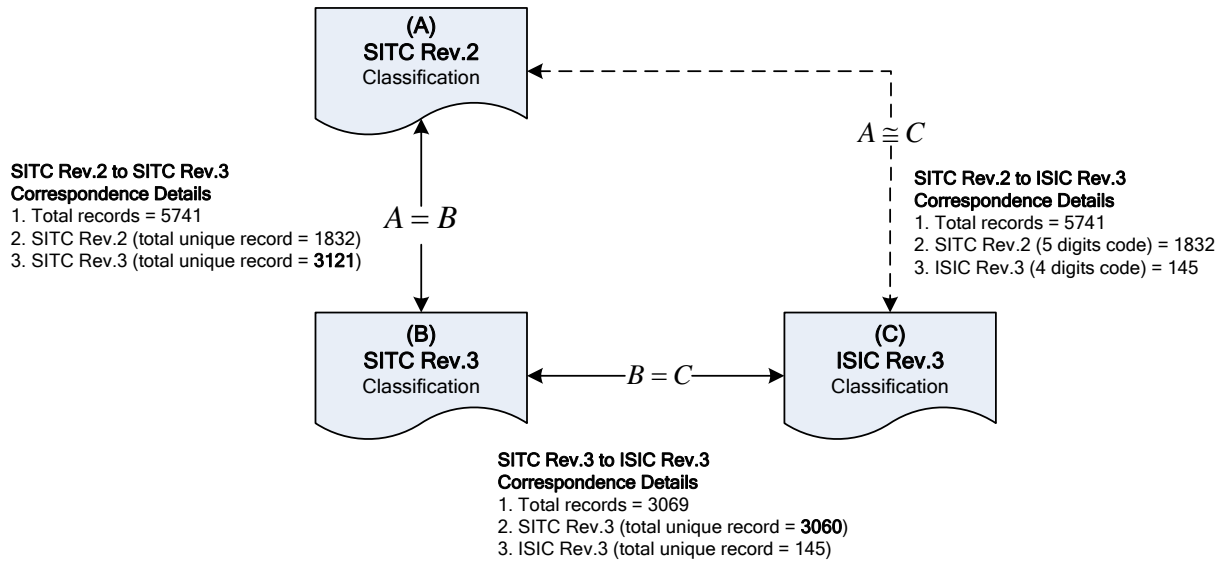
⁶ See <http://unstats.un.org/unsd/cr/registry/regot.asp?Lg=1>. Accessed Sept 9, 2009.

⁷ See http://ec.europa.eu/eurostat/ramon/relations/index.cfm?TargetUrl=LST_REL. Accessed Sept 9, 2009.

⁸ In many cases, countries (especially the developing countries) cannot comply to the new classification instantly due to several constraints related to information technology (IT) system and training and streamlining all associated organization and their stakeholder with the new format.

⁹ The reclassification is made based on the 3-digits code commodity. The UNCTAD Factor Intensity classification consist seven groups of commodities i.e.: A - Primary Commodities; B - Labor-intensive and resource-based manufactures; C - Manufactures with low skill and technology intensity; D - Manufactures with medium skill and technology intensity; E - Manufactures with high skill and technology intensity; F - Unclassified products; and F0 - Energy and Fuel Related + Coin and Gold. See UNCTAD (2002) *Trade and Investment Report, 2002*, New York, United Nations Publication.

Figure 1 SITC Rev.2 to ISIC Rev.3 Proxy Method



Note: ——— Concordance based on the United Nations Statistics Division trade classification correspondence list.
 - - - - - Estimated concordance based on the existing correspondence.

Secondly, based on the two correspondence tables we identify the total list of correspondence for each table. As indicated in Figure 1, the total number of record for the correspondence table between SITC Rev. 2 and SITC Rev.3, and the correspondence table between SITC Rev.3 and ISIC Rev.3 are 5741 and 3069, respectively. From here, we can observe that the number of SITC Rev.3 commodity classification being used for both correspondence tables is not identical. This implies that not all commodities under the SITC Rev.2 can be matched automatically with the ISIC Rev.3. Observation on both correspondence lists suggests three basic reasons for the dissimilarity. First, the SITC Rev.3 – ISIC Rev.3 correspondence table does not include 69 commodities under the actual SITC Rev.3 classification. Second, in both correspondence tables, one commodity may appear more than one. This demonstrates that one commodity is not unique to one industry or one commodity in different version of classification. Third, particularly for the SITC Rev.3 – ISIC Rev.3 correspondence table, smaller number of record in SITC Rev.3 to ISIC Rev.3 correspondence table occurs because the industrial category was made based on the SITC Rev.3 four digits code.¹⁰

Thirdly, we use the SITC Rev.3 and ISIC Rev.3 correspondence as our lookup table and create another correspondence table containing the three classifications i.e. SITC Rev.2, SITC Rev.3 and ISIC Rev.3. Based on this lookup table we gauge the corresponding industrial classification of commodity under the SITC Rev.2.

5. Results

Based on the proxy method described in Figure 1, the industrial category for 98 percent of the commodity under the SITC Rev.2 can be automatically detected. For the remaining two percent of the commodities—which its industrial category cannot be identified—the matching is made based on the

¹⁰ Meaning that, all sub-commodity of the four digits code (i.e. five digits code) is collapsed under one category of industry.

closest correspondence code group. For example the S2-081.21¹¹ (i.e. bran, sharps, etc, of maize or rice), which is not listed in the SITC Rev.3 – ISIC Rev.3 correspondence table is identified to have closest code with the S3-081.11 (i.e. cereal straw and husks, unprepared, whether or not chopped, ground, pressed or in the form of pellets), and the S3-081.12 (i.e. lucernes (alfalfa) meal and pellets).

The final output of the correspondence table between SITC Rev.2 and ISIC Rev.3 is presented in Appendix 1. We present the table based on the total unique classification of SITC Rev.2 (i.e. 1832) under the SITC Rev.2 – SITC Rev.3 correspondence table (i.e. A=B in Figure 1). Our proxy method categorised these 1832 commodities into 145—ISIC Rev.3 4 digit code—types of industry out of 292 types of industrial classification under the ISIC Rev.3 (see Table 2). About half of industrial category which is not listed in our correspondence table is categorised under the service related industry.

As shown in Appendix 1, the result indicates that the actual industrial match for each commodity under the SITC Rev.2 classifications could be more than one. This is due to the fact that the SITC Rev.2 commodity classification has been detailed further under the SITC Rev.3. In some cases—based on the SITC Rev.2 to SITC Rev.3 correspondence table—some commodities under the SITC Rev.2 is identify to own certain features of several commodities under the SITC Rev.3 classification. For example as shown in Table 3, the S-635.99 of the SITC Rev.2 was identified to correspond with 13 different commodities under the SITC Rev.3. Following the SITC Rev.3 – ISIC Rev.3 correspondence table, it reflect 8 types of industrial category. Due to this reason, one particular commodity under the SITC Rev.2 classification may have more than one industrial match. From the 1832 types of commodity, 1412 commodities was proxied to match with only one—4 digit code—industrial category. 420 commodities have 2 types of industrial matches and the rest have at least three or up to 8 industrial matches. The underlying reason for having more than one industrial match is due to the increasing details of commodity reclassification from SITC Rev.2 (i.e. 1832 commodities) to SITC Rev.3 (i.e. 3121 commodities). Most of these commodities involve the commodity classified as other article of a particular commodity, which is not elsewhere specified (see for example in Table 4).

The order of industrial classification for commodities with more 2 or more industrial category is made based on the code sequence of SITC Rev.2 – SITC Rev.3 code. For example, the output in Table 3 is arranged as is Table 4. In other words, there is no weightage in the order of our SITC Rev.2 – ISIC Rev.3 correspondence table.

Table 3 Example of Proxy Output for Commodity with more than One Industrial Category

Match Number	Non-Filtered Output			Final Output
	SITC Rev.2	SITC Rev.3	ISIC Rev.3	
1 st Match	S-635.99	S-248.3	I-2010	I-2010
2 nd Match	S-635.99	S-248.4	I-2010	
3 rd Match	S-635.99	S-248.5	I-2010	
4 th Match	S-635.99	S-634.11	I-2021	I-2021
5 th Match	S-635.99	S-634.12	I-2021	
6 th Match	S-635.99	S-635.11	I-2023	I-2023
7 th Match	S-635.99	S-635.12	I-2023	
8 th Match	S-635.99	S-635.33	I-2022	I-2022
9 th Match	S-635.99	S-635.42	I-2029	I-2029
10 th Match	S-635.99	S-635.99	I-2029	
11 th Match	S-635.99	S-749.13	I-2929	I-2929
12 th Match	S-635.99	S-831.29	I-1912	I-1912
13 th Match	S-635.99	S-892.84	I-2219	I-2219

¹¹ The combinations of capital letter “S” and the number “2” refers to SITC Rev.2 and the number 081.21 refers to the five (5) digits code.

Table 4 Sample Order of SITC Rev.2 – ISIC Rev.3 Correspondence Table for Commodity with at least 2 Industrial Matches

SITC Rev.2	ISIC Rev.3							
	A	B	C	D	E	F	G	H
S-635.99	I-2010	I-2021	I-2023	I-2022	I-2029	I-2929	I-1912	I-2219

Notes: S-635.99 is "Other articles of wood, nes"
I-2010 is "Sawmilling and planing of wood"
I-2021 is "Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards"
I-2023 is "Manufacture of wooden containers"
I-2022 is "Manufacture of builders' carpentry and joinery"
I-2029 is "Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials"
I-2929 is "Manufacture of other special purpose machinery"
I-1912 is "Manufacture of luggage, handbags and the like, saddlery and harness"
I-2219 is "Other publishing"

6. Conclusions

The commodity-industry correspondence table is one of the important tools in economic analysis. It provides policy decision makers with several ways of interpreting and viewing the trend and pattern of national and international economic progress. The establishment of correspondence table between SITC Rev.2 – ISIC Rev.3 in this paper will provide future related studies with alternative source for longer series of data.

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Appendix 1 The Result of SITC Rev.2 to ISIC Rev.3 Proxy

SITC Rev.2	ISIC Rev.3			SITC Rev.2	ISIC Rev.3			SITC Rev.2	ISIC Rev.3			SITC Rev.2	ISIC Rev.3		
	A	B	C		A	B	C		A	B	C		A	B	C
S2-001.11	I-0121			S2-057.12	I-0113			S2-091.41	I-1514			S2-251.82	I-2101		
S2-001.19	I-0121			S2-057.21	I-0113			S2-091.49	I-1514			S2-251.91	I-2101		
S2-001.21	I-0121			S2-057.22	I-0113			S2-098.01	I-1511	I-1512	I-1513	S2-251.92	I-2101		
S2-001.22	I-0121			S2-057.29	I-0113			S2-098.02	I-1549			S2-261.3	I-1711		
S2-001.3	I-0122			S2-057.3	I-0113			S2-098.03	I-1549			S2-261.41	I-0122		
S2-001.41	I-0122			S2-057.4	I-0113			S2-098.04	I-1549			S2-261.42	I-1711	I-0122*	
S2-001.49	I-0122			S2-057.51	I-0113			S2-098.05	I-1549			S2-263.1	I-0111		
S2-001.5	I-0121			S2-057.52	I-0113			S2-098.06	I-1549			S2-263.2	I-1514		
S2-001.9	I-0122	I-0500		S2-057.6	I-0113			S2-098.07	I-1549			S2-263.3	I-1514*		
S2-011.11	I-1511			S2-057.71	I-0113			S2-098.08	I-0122			S2-263.4	I-1711		
S2-011.12	I-1511			S2-057.72	I-0113			S2-098.09	I-1511	I-1520	I-1531	S2-264.0	I-0111	I-1711	
S2-011.2	I-1511			S2-057.73	I-0113			S2-111.01	I-1554			S2-265.11	I-0111		
S2-011.3	I-1511			S2-057.74	I-0113			S2-111.02	I-1520	I-1554		S2-265.12	I-1711		
S2-011.4	I-1511			S2-057.75	I-0113			S2-112.11	I-1552			S2-265.13	I-1711		
S2-011.5	I-1511			S2-057.79	I-0113			S2-112.12	I-1552			S2-265.14	I-0111	I-1711	
S2-011.6	I-1511			S2-057.92	I-0113			S2-112.13	I-1552			S2-265.2	I-0111	I-1711	
S2-011.81	I-1511			S2-057.93	I-0113			S2-112.2	I-1552			S2-265.4	I-0111	I-1711	
S2-011.89	I-1511	I-0122	I-0500	S2-057.94	I-0113			S2-112.3	I-1553			S2-265.5	I-0111	I-1711	
S2-012.1	I-1511			S2-057.95	I-0113			S2-112.41	I-1551			S2-265.91	I-0111	I-1711	
S2-012.9	I-1511	I-1512		S2-057.96	I-0113			S2-112.42	I-1551			S2-265.99	I-0111	I-1711	
S2-014.1	I-1511			S2-057.97	I-0113			S2-112.49	I-1552	I-1551		S2-266.51	I-2430		
S2-014.2	I-1511			S2-057.98	I-0113			S2-121.11	I-0111			S2-266.52	I-2430		
S2-014.9	I-1511	I-1512	I-1549	S2-057.99	I-0113			S2-121.19	I-0111			S2-266.53	I-2430		
S2-022.3	I-1520			S2-058.2	I-1543			S2-121.21	I-0111			S2-266.59	I-2430		
S2-022.41	I-1520			S2-058.3	I-1513	I-1549		S2-121.29	I-0111			S2-266.61	I-2430		
S2-022.42	I-1520			S2-058.51	I-1513			S2-121.3	I-0111*			S2-266.62	I-2430		
S2-022.43	I-1520			S2-058.52	I-1513			S2-122.1	I-1600			S2-266.63	I-2430		
S2-022.49	I-1520			S2-058.53	I-1513			S2-122.2	I-1600			S2-266.69	I-2430		
S2-023.0	I-1520			S2-058.54	I-1513			S2-122.3	I-1600			S2-266.71	I-1711		
S2-024.0	I-1520			S2-058.55	I-1513			S2-211.1	I-1511			S2-266.72	I-1711		
S2-025.1	I-0122			S2-058.57	I-1513			S2-211.2	I-1511			S2-266.73	I-1711		
S2-025.2	I-1549			S2-058.58	I-1513			S2-211.4	I-1511			S2-266.79	I-1711		
S2-034.1	I-0122	I-0500	I-1512	S2-058.61	I-1513			S2-211.6	I-1511			S2-267.11	I-2430		
S2-034.2	I-1512			S2-058.62	I-1513			S2-211.7	I-1511			S2-267.12	I-2430		
S2-034.3	I-1512			S2-058.63	I-1513			S2-211.91	I-1511*			S2-267.13	I-1711		
S2-034.4	I-1512			S2-058.64	I-1513			S2-211.99	I-0122			S2-267.21	I-1711*		
S2-035.01	I-1512			S2-058.91	I-1513			S2-212.01	I-0122			S2-267.22	I-1711*		
S2-035.02	I-1512			S2-058.99	I-1513			S2-212.09	I-0122			S2-268.1	I-0121	I-1511	
S2-035.03	I-1512			S2-061.1	I-1542			S2-222.1	I-0111			S2-268.2	I-1711		
S2-035.04	I-1512			S2-061.2	I-1542			S2-222.2	I-0111			S2-268.3	I-0122		
S2-036.0	I-1512	I-0500		S2-061.5	I-1542			S2-222.3	I-0111			S2-268.51	I-0122		
S2-037.1	I-1512	I-1549	I-1544	S2-061.6	I-0122			S2-222.4	I-0111			S2-268.59	I-0122		
S2-037.2	I-0500	I-1512	I-1549	S2-061.9	I-1520	I-1542	I-1532	S2-222.5	I-0111			S2-268.61	I-1711		
S2-041.1	I-0111			S2-062.0	I-1543			S2-222.6	I-0111			S2-268.62	I-0122*		
S2-041.2	I-0111			S2-071.11	I-0113	I-1549		S2-223.1	I-0111			S2-268.7	I-1711		
S2-042.11	I-0111			S2-071.12	I-1549			S2-223.2	I-0111			S2-269.01	I-3699		
S2-042.12	I-1531			S2-071.13	I-1549			S2-223.4	I-0111			S2-269.02	I-3699		
S2-042.21	I-1531			S2-071.2	I-1549			S2-223.5	I-0111			S2-271.1	I-2412		
S2-042.22	I-1531			S2-072.1	I-0113			S2-223.8	I-0111			S2-271.2	I-2412		
S2-043.0	I-0111			S2-072.2	I-1543			S2-223.9	I-1514			S2-271.31	I-1421		
S2-044.0	I-0111	I-0112		S2-072.31	I-1543			S2-232.01	I-0111	I-2413		S2-271.32	I-1421		
S2-045.1	I-0111			S2-072.32	I-1543			S2-232.02	I-0111	I-2519		S2-271.4	I-1421		
S2-045.2	I-0111			S2-073.0	I-1520	I-1531	I-1541	S2-232.03	I-0200	I-2519		S2-273.11	I-1410		
S2-045.91	I-0111			S2-074.1	I-1549	I-0113		S2-233.11	I-2413			S2-273.12	I-1410		
S2-045.92	I-0111			S2-074.2	I-0113			S2-233.12	I-2413			S2-273.13	I-1410		
S2-045.99	I-0111			S2-075.1	I-0112	I-1513	I-0113	S2-233.13	I-2413	I-2519		S2-273.22	I-1410		
S2-046.01	I-1531			S2-075.21	I-0113			S2-233.14	I-2413	I-2519		S2-273.23	I-1410		
S2-046.02	I-1531			S2-075.22	I-0113			S2-233.15	I-2413	I-2519		S2-273.24	I-2694		
S2-047.01	I-1531			S2-075.23	I-0113			S2-233.16	I-2413	I-2519		S2-273.3	I-1410		
S2-047.02	I-1531			S2-075.24	I-0113			S2-233.19	I-2413	I-2519		S2-273.4	I-1410		
S2-048.11	I-1531			S2-075.25	I-0113			S2-233.21	I-2519			S2-274.1	I-1421	I-2411	
S2-048.12	I-1531			S2-075.26	I-0113			S2-233.22	I-2519*			S2-274.2	I-1421		
S2-048.2	I-1553			S2-075.28	I-0113			S2-244.01	I-0200	I-2029		S2-277.1	I-1429	I-3691	
S2-048.3	I-1544			S2-081.11	I-0111			S2-244.02	I-2029			S2-277.21	I-3691		
S2-048.41	I-1541			S2-081.12	I-0111			S2-245.01	I-0200			S2-277.22	I-1429		
S2-048.42	I-1541			S2-081.19	I-0111	I-1533	I-1549	S2-245.02	I-2411			S2-278.21	I-1410		
S2-048.80	I-1531	I-1513	I-1549	S2-081.21	I-0111*			S2-246.01	I-0200			S2-278.22	I-1429		
S2-054.1	I-0111			S2-081.22	I-0111*			S2-246.02	I-2010			S2-278.23	I-1410		
S2-054.2	I-0111			S2-081.23	I-0111*			S2-246.03	I-2010*			S2-278.24	I-1429		
S2-054.4	I-0112			S2-081.31	I-1514			S2-247.11	I-2010	I-0200		S2-278.3	I-1422		
S2-054.51	I-0112			S2-081.32	I-1514			S2-247.12	I-2010	I-0200		S2-278.4	I-1429		
S2-054.59	I-0112			S2-081.33	I-1514			S2-247.21	I-2010	I-0200		S2-278.51	I-1429		
S2-054.61	I-1513			S2-081.34	I-1514			S2-247.22	I-2010	I-0200		S2-278.52	I-1429		
S2-054.62	I-1513			S2-081.35	I-1514			S2-247.9	I-2010	I-0200		S2-278.53	I-1421		
S2-054.81	I-0111			S2-081.36	I-1514			S2-248.1	I-2010			S2-278.54	I-1429	I-1421	
S2-054.82	I-0111			S2-081.37	I-1514			S2-248.21	I-2010	I-2021		S2-278.61	I-1421*		
S2-054.84	I-0111			S2-081.38	I-1514			S2-248.22	I-2010	I-2021		S2-278.62	I-1429	I-1421*	
S2-054.88	I-1513	I-0111	I-0112	S2-081.39	I-1514			S2-248.31	I-2010	I-2021		S2-278.91	I-1410		
S2-056.1	I-1513	I-0113		S2-081.41	I-1511			S2-248.32	I-2010	I-2021		S2-278.92	I-1421		
S2-056.43	I-1513			S2-081.42	I-1512			S2-251.1	I-2010*			S2-278.93	I-1429		
S2-056.45	I-1532			S2-081.92	I-1543*			S2-251.2	I-2101			S2-278.94	I-1421		
S2-056.49	I-1531			S2-081.93	I-1512*			S2-251.6	I-2101			S2-278.95	I-1429		
S2-056.51	I-1513			S2-081.94	I-1512*			S2-251.71	I-2101			S2-278.96	I-1110	I-1429	
S2-056.59	I-1513	I-1549		S2-081.99	I-1533			S2-251.72	I-2101			S2-278.99	I-1429	I-1421	
S2-057.11	I-0113			S2-091.3	I-1511			S2-251.81	I-2101			S2-281.4	I-2411		

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S2-281.5	I-1310			S2-341.5	I-4020			S2-516.11	I-2423	I-2411	S2-533.44	I-2422			
S2-281.6	I-1310			S2-351.0	I-4010			S2-516.12	I-2423	I-2411	S2-533.51	I-2422			
S2-282.01	I-1310*			S2-411.11	I-1514			S2-516.13	I-2411		S2-533.52	I-2422			
S2-282.02	I-1310*			S2-411.12	I-1514			S2-516.14	I-2411		S2-533.53	I-2422			
S2-282.09	I-1310*			S2-411.13	I-1514			S2-516.19	I-2423		S2-533.54	I-2422			
S2-286.0	I-1200			S2-411.31	I-1511			S2-516.21	I-2423	I-2411	S2-541.1	I-2423			
S2-287.11	I-1320			S2-411.32	I-1511			S2-516.22	I-2423	I-2411	S2-541.31	I-2423			
S2-287.12	I-2720			S2-411.33	I-1514			S2-516.23	I-2411		S2-541.32	I-2423			
S2-287.21	I-1320			S2-411.34	I-1711			S2-516.24	I-2411		S2-541.33	I-2423			
S2-287.22	I-2720			S2-411.39	I-1511	I-1514		S2-516.29	I-2411		S2-541.39	I-2423			
S2-287.31	I-1320			S2-423.2	I-1514	I-2429		S2-516.31	I-2411		S2-541.4	I-2423			
S2-287.32	I-2720			S2-423.3	I-1514	I-2429		S2-516.39	I-2411		S2-541.51	I-2423			
S2-287.4	I-1320			S2-423.4	I-1514	I-2429		S2-516.91	I-2411		S2-541.52	I-2423			
S2-287.5	I-1320			S2-423.5	I-1514	I-2429		S2-516.92	I-1532	I-2423	S2-541.53	I-2423			
S2-287.6	I-1320			S2-423.6	I-1514	I-2429		S2-516.99	I-2411		S2-541.59	I-2423			
S2-287.7	I-1320			S2-423.91	I-1514	I-2429		S2-522.11	I-2411		S2-541.61	I-2423			
S2-287.91	I-1320			S2-423.92	I-1514	I-2429		S2-522.12	I-2411		S2-541.62	I-2423			
S2-287.92	I-1320			S2-424.1	I-1514	I-2429		S2-522.13	I-2411		S2-541.64	I-2423			
S2-287.93	I-1320			S2-424.2	I-1514	I-2429		S2-522.14	I-2411		S2-541.65	I-2423			
S2-287.99	I-1320			S2-424.3	I-1514	I-2429		S2-522.15	I-2411		S2-541.71	I-2423			
S2-288.1	I-1320*			S2-424.4	I-1514	I-2429		S2-522.16	I-2411		S2-541.72	I-2423			
S2-288.21	I-1320*			S2-424.5	I-1514	I-2429		S2-522.17	I-2411		S2-541.73	I-2423			
S2-288.22	I-1320*			S2-424.9	I-1514	I-1532	I-2429	S2-522.18	I-2411		S2-541.79	I-2423			
S2-288.23	I-1320*			S2-431.1	I-2429			S2-522.21	I-2411		S2-541.91	I-2423			
S2-288.24	I-1320*			S2-431.2	I-1514	I-1532		S2-522.22	I-2411		S2-541.99	I-2423			
S2-288.25	I-1320*			S2-431.31	I-2411			S2-522.23	I-2412		S2-551.3	I-2429			
S2-288.26	I-1320*			S2-431.33	I-1514			S2-522.24	I-2411		S2-551.4	I-2429			
S2-289.01	I-1320			S2-431.43	I-1514			S2-522.25	I-2411		S2-553.0	I-2429	I-2424		
S2-289.02	I-1320*			S2-431.44	I-0122			S2-522.29	I-2411		S2-554.1	I-2424			
S2-291.11	I-1320*			S2-511.11	I-2411			S2-522.31	I-2411		S2-554.2	I-2424			
S2-291.15	I-0500			S2-511.12	I-2411			S2-522.32	I-2411		S2-554.3	I-2424			
S2-291.16	I-0500*			S2-511.13	I-2411			S2-522.41	I-2411		S2-562.11	I-2412			
S2-291.91	I-9302			S2-511.19	I-2411			S2-522.42	I-2411		S2-562.12	I-2412			
S2-291.92	I-9302*			S2-511.21	I-2411			S2-522.43	I-2411		S2-562.13	I-2412			
S2-291.93	I-9302*			S2-511.22	I-2411			S2-522.44	I-2411		S2-562.14	I-2411	I-2412		
S2-291.94	I-1512			S2-511.23	I-2411			S2-522.45	I-2411		S2-562.15	I-2412			
S2-291.96	I-0121*			S2-511.24	I-2411			S2-522.46	I-2411		S2-562.16	I-2412			
S2-291.97	I-0500			S2-511.25	I-2411			S2-522.47	I-2411		S2-562.19	I-2412			
S2-291.98	I-0500*			S2-511.26	I-2411			S2-522.51	I-2412		S2-562.21	I-2412			
S2-291.99	I-0121	I-1512	I-0500*	S2-511.29	I-2411			S2-522.52	I-2411		S2-562.22	I-2412			
S2-292.2	I-0200			S2-511.31	I-2411			S2-522.53	I-2411		S2-562.29	I-2412			
S2-292.3	I-0200			S2-511.32	I-2411			S2-522.54	I-2411		S2-562.31	I-2412			
S2-292.4	I-0111	I-0500		S2-511.33	I-2411			S2-522.55	I-2411		S2-562.32	I-2412			
S2-292.5	I-0111	I-0112		S2-511.39	I-2411			S2-522.56	I-2411		S2-562.39	I-1429	I-2412		
S2-292.61	I-0112			S2-511.4	I-2411			S2-522.57	I-2699		S2-562.91	I-2412			
S2-292.69	I-0112			S2-512.11	I-2411			S2-522.59	I-2411		S2-562.92	I-2412			
S2-292.71	I-0112	I-9214		S2-512.12	I-2411			S2-523.11	I-2411		S2-562.93	I-2412			
S2-292.72	I-0200	I-9214		S2-512.13	I-2411			S2-523.12	I-2412	I-2411	S2-562.99	I-2412	I-1429	I-2411	
S2-292.91	I-0200			S2-512.14	I-2411			S2-523.13	I-2411		S2-572.11	I-2429			
S2-292.92	I-0200			S2-512.15	I-2411			S2-523.14	I-2411		S2-572.12	I-2429			
S2-292.93	I-0200			S2-512.16	I-1551			S2-523.15	I-2411		S2-572.2	I-2429			
S2-292.98	I-0111	I-1549	I-0500	S2-512.17	I-2411			S2-523.16	I-2411		S2-572.3	I-2429			
S2-322.1	I-1010			S2-512.18	I-2424			S2-523.17	I-2411		S2-582.11	I-2413			
S2-322.2	I-1010			S2-512.19	I-2411			S2-523.18	I-2411		S2-582.12	I-2520	I-2109		
S2-322.3	I-1020			S2-512.2	I-2411			S2-523.19	I-2411	I-2412	S2-582.19	I-2520	I-2413*		
S2-322.4	I-1030			S2-512.34	I-2411			S2-523.21	I-2412	I-2411	S2-582.21	I-2413			
S2-323.11	I-1010			S2-512.35	I-2411			S2-523.22	I-2411	I-2412	S2-582.22	I-2520	I-2109		
S2-323.12	I-1020			S2-512.36	I-2411			S2-523.23	I-2411		S2-582.29	I-2520	I-2413*		
S2-323.13	I-1030			S2-512.37	I-2411			S2-523.24	I-2412	I-2411	S2-582.31	I-2413			
S2-323.21	I-2310			S2-513.71	I-2411			S2-523.25	I-2411		S2-582.32	I-2520	I-2109		
S2-323.22	I-2310			S2-513.72	I-2411			S2-523.26	I-2411		S2-582.39	I-2520	I-2413*		
S2-333.0	I-1110			S2-513.73	I-2411			S2-523.27	I-2411		S2-582.41	I-2413			
S2-334.11	I-2320			S2-513.79	I-2411			S2-523.28	I-2411		S2-582.42	I-2520	I-2109		
S2-334.12	I-2320*			S2-513.81	I-2411			S2-523.29	I-2411	I-2412	S2-582.49	I-2520	I-2413*		
S2-334.19	I-2320*			S2-513.82	I-2411			S2-523.31	I-2411		S2-582.51	I-2413			
S2-334.21	I-2320*			S2-513.83	I-2411			S2-523.32	I-2411		S2-582.59	I-2520	I-2413*		
S2-334.29	I-2320*			S2-513.84	I-2411			S2-523.91	I-2411		S2-582.61	I-2413			
S2-334.3	I-2320*			S2-513.89	I-2411			S2-523.92	I-2411	I-2710	S2-582.69	I-2520	I-2109	I-2413*	
S2-334.4	I-2320*			S2-513.9	I-2411	I-2423		S2-523.93	I-2411		S2-582.7	I-2413	I-2520	I-2109	
S2-334.51	I-2320*			S2-514.5	I-2411			S2-523.94	I-2411		S2-582.8	I-2413			
S2-334.52	I-1514	I-2429	I-2699	S2-514.6	I-2423	I-2411		S2-523.95	I-2411		S2-582.9	I-2413	I-2520	I-2109	
S2-335.11	I-2320			S2-514.7	I-2423	I-2411		S2-523.99	I-2411	I-2412	S2-583.11	I-2413			
S2-335.12	I-2320			S2-514.81	I-2423			S2-524.1	I-2330	I-4010	S2-583.12	I-2520			
S2-335.21	I-2310			S2-514.82	I-2411	I-2423		S2-524.91	I-2411		S2-583.13	I-2520	I-2109		
S2-335.22	I-2411			S2-514.83	I-2411			S2-524.92	I-2330	I-2411	I-2429	S2-583.19	I-2413*		
S2-335.23	I-2411			S2-514.84	I-2411			S2-531.1	I-2411		S2-583.21	I-2413			
S2-335.24	I-2411			S2-514.85	I-2411			S2-531.21	I-2411		S2-583.22	I-2520	I-2109		
S2-335.25	I-2411			S2-514.86	I-2411			S2-531.22	I-2411		S2-583.29	I-2413*	I-2520		
S2-335.31	I-2411			S2-514.89	I-2411			S2-532.21	I-2411		S2-583.31	I-2413			
S2-335.32	I-2411			S2-515.4	I-2411	I-2423		S2-532.22	I-2411		S2-583.32	I-2520			
S2-335.41	I-2320			S2-515.51	I-2411			S2-532.3	I-2411		S2-583.33	I-2520	I-2109		
S2-335.42	I-2320			S2-515.59	I-2411			S2-533.1	I-2330	I-2411	S2-583.39	I-2413*			
S2-335.43	I-2699			S2-515.61	I-2411			S2-533.2	I-2422		S2-583.41	I-2413			
S2-341.31	I-2320			S2-515.69	I-2411	I-2423		S2-533.41	I-2422		S2-583.42	I-2520			
S2-341.39	I-1110	I-2320		S2-515.71	I-2423			S2-533.42	I-2422		S2-583.43	I-2520	I-2109		
S2-341.4	I-1110	I-2320		S2-515.72	I-2411			S2-533.43	I-2422		S2-583.49	I-2413*			

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S2-667.3	I-1429	I-3691		S2-682.13	I-2720			S2-697.53	I-2899			S2-723.48	I-2924		
S2-667.4	I-2411	I-3691		S2-682.21	I-2720			S2-697.81	I-2899			S2-723.9	I-2710	I-2915 I-2924	
S2-671.2	I-2710			S2-682.22	I-2720			S2-697.82	I-2899	I-9214		S2-724.31	I-2926		
S2-671.31	I-2710			S2-682.23	I-2720			S2-699.11	I-2893			S2-724.39	I-2926		
S2-671.32	I-2710			S2-682.24	I-2720			S2-699.12	I-2899			S2-724.41	I-2926		
S2-671.33	I-2710			S2-682.25	I-2720			S2-699.13	I-2899			S2-724.42	I-2926		
S2-671.61	I-2710			S2-682.26	I-2720			S2-699.2	I-2899	I-2913		S2-724.43	I-2926		
S2-671.62	I-2710			S2-683.1	I-2720			S2-699.31	I-2899			S2-724.49	I-2926		
S2-671.69	I-2330	I-2710		S2-683.21	I-2720			S2-699.32	I-2899	I-3699		S2-724.51	I-2926		
S2-672.41	I-2710			S2-683.22	I-2720			S2-699.33	I-2899			S2-724.52	I-2926		
S2-672.42	I-2710			S2-683.23	I-2720			S2-699.41	I-2899			S2-724.53	I-2926		
S2-672.43	I-2710	I-1310*		S2-683.24	I-2899			S2-699.42	I-2899			S2-724.54	I-2926		
S2-672.44	I-2710	I-1310*		S2-684.1	I-2720			S2-699.61	I-2899			S2-724.61	I-2926		
S2-672.45	I-2710			S2-684.21	I-2720			S2-699.62	I-2899			S2-724.69	I-2926		
S2-672.51	I-2710			S2-684.22	I-2720			S2-699.63	I-2899			S2-724.71	I-2926	I-2930	
S2-672.52	I-2710			S2-684.23	I-2720			S2-699.64	I-2899	I-3150		S2-724.72	I-2926		
S2-672.54	I-2710			S2-684.24	I-2720			S2-699.65	I-2899			S2-724.73	I-2926	I-2930	
S2-672.55	I-2710			S2-684.25	I-2720			S2-699.71	I-2899			S2-724.74	I-2926	I-2929	
S2-672.71	I-2710			S2-684.26	I-2720			S2-699.79	I-2899	I-2929 I-3150		S2-724.79	I-2926	I-2222 I-2929	
S2-672.72	I-2710			S2-685.11	I-2720			S2-699.81	I-2899	I-2929 I-3150		S2-724.8	I-2926		
S2-672.74	I-2710			S2-685.12	I-2720			S2-699.82	I-2899	I-3150 I-1912		S2-725.11	I-2929		
S2-672.75	I-2710			S2-685.13	I-2720			S2-699.83	I-2899	I-2929 I-3150		S2-725.12	I-2929		
S2-673.11	I-2710			S2-685.21	I-2720			S2-699.84	I-2899			S2-725.2	I-2929		
S2-673.12	I-2710			S2-685.22	I-2720			S2-699.85	I-2899	I-3610 I-1912		S2-725.91	I-2929		
S2-673.14	I-2710			S2-685.23	I-2720			S2-699.86	I-2899			S2-725.99	I-2929		
S2-673.15	I-2710			S2-685.24	I-2720			S2-699.91	I-2720			S2-726.31	I-2929		
S2-673.22	I-2710			S2-686.1	I-2720			S2-699.92	I-2720			S2-726.32	I-2222		
S2-673.24	I-2710			S2-686.31	I-2720			S2-699.93	I-2720			S2-726.41	I-2929	I-3000	
S2-673.25	I-2710			S2-686.32	I-2720			S2-699.94	I-2720			S2-726.42	I-2929		
S2-673.26	I-2710			S2-686.33	I-2720			S2-699.95	I-2720			S2-726.71	I-2929		
S2-673.27	I-2710			S2-686.34	I-2720			S2-699.99	I-2720			S2-726.72	I-2929		
S2-673.31	I-2710			S2-687.1	I-2720			S2-711.1	I-2813			S2-726.81	I-2929		
S2-673.32	I-2710			S2-687.21	I-2720			S2-711.2	I-2813			S2-726.89	I-2929		
S2-673.33	I-2710			S2-687.22	I-2720			S2-711.91	I-2813			S2-726.91	I-2929		
S2-673.34	I-2710			S2-687.23	I-2720			S2-711.99	I-2813			S2-726.99	I-2929		
S2-673.35	I-2710			S2-687.24	I-2720			S2-712.6	I-2911	I-2912		S2-727.11	I-2921	I-2925	
S2-673.36	I-2710			S2-688.0	I-2330			S2-712.9	I-2911	I-2912		S2-727.19	I-2925		
S2-673.37	I-2710			S2-689.11	I-2720			S2-713.11	I-3530			S2-727.21	I-2925		
S2-673.38	I-2710			S2-689.12	I-2720			S2-713.19	I-3530			S2-727.22	I-2925		
S2-673.39	I-2710			S2-689.13	I-2720			S2-713.2	I-3410	I-2911		S2-727.29	I-2925		
S2-674.14	I-2710			S2-689.14	I-2720			S2-713.31	I-2911			S2-728.11	I-2922		
S2-674.15	I-2710			S2-689.15	I-2720			S2-713.32	I-2911			S2-728.12	I-2922		
S2-674.41	I-2710			S2-689.91	I-2720			S2-713.8	I-2911			S2-728.19	I-2922		
S2-674.42	I-2710			S2-689.99	I-2720			S2-713.9	I-3430			S2-728.31	I-2924		
S2-674.43	I-2710			S2-691.1	I-2710	I-2811		S2-714.4	I-3530			S2-728.32	I-2924		
S2-674.44	I-2710			S2-691.2	I-2811			S2-714.81	I-3530			S2-728.33	I-2924		
S2-674.51	I-2710			S2-692.11	I-2812			S2-714.88	I-2911			S2-728.34	I-2924		
S2-674.52	I-2710			S2-692.13	I-2812			S2-714.91	I-3530	I-2912		S2-728.39	I-2924		
S2-674.53	I-2710			S2-692.41	I-2812			S2-714.99	I-2911	I-2912 I-2919		S2-728.41	I-2929		
S2-674.54	I-2710			S2-692.42	I-2812	I-2899		S2-716.1	I-3110			S2-728.42	I-2929	I-2922	
S2-674.61	I-2710			S2-692.43	I-2812			S2-716.21	I-3110			S2-728.43	I-2925		
S2-674.62	I-2710			S2-692.44	I-2812			S2-716.22	I-3110			S2-728.44	I-2922		
S2-674.63	I-2710			S2-693.11	I-2899			S2-716.23	I-3110			S2-728.45	I-2929	I-2922	
S2-674.64	I-2710			S2-693.12	I-2899			S2-716.3	I-3110			S2-728.48	I-2899	I-2926 I-2929	
S2-674.7	I-2710			S2-693.13	I-2899			S2-716.9	I-3110			S2-728.49	I-2929	I-2925 I-2922	
S2-674.91	I-2710			S2-693.2	I-2899			S2-718.7	I-2813	I-2330		S2-736.11	I-2922		
S2-674.92	I-2710			S2-693.51	I-2899			S2-718.81	I-2911			S2-736.12	I-2922		
S2-674.93	I-2710			S2-693.52	I-2899			S2-718.82	I-2911			S2-736.13	I-2922		
S2-674.94	I-2710			S2-694.01	I-2899			S2-718.88	I-2912			S2-736.14	I-2922		
S2-675.01	I-2710			S2-694.02	I-2899			S2-718.89	I-2911	I-2912		S2-736.15	I-2922		
S2-675.02	I-2710			S2-694.03	I-2899			S2-721.11	I-2921			S2-736.16	I-2922		
S2-675.04	I-2710			S2-695.1	I-2893			S2-721.12	I-2921			S2-736.17	I-2922		
S2-675.05	I-2710			S2-695.31	I-2893			S2-721.13	I-2921			S2-736.18	I-2922		
S2-676.01	I-2710			S2-695.32	I-2893			S2-721.18	I-2921			S2-736.19	I-2922		
S2-676.02	I-2710			S2-695.33	I-2893			S2-721.19	I-2921			S2-736.21	I-2922		
S2-677.01	I-2710			S2-695.34	I-2893			S2-721.21	I-2921			S2-736.22	I-2922		
S2-677.02	I-2710			S2-695.39	I-2893			S2-721.22	I-2921			S2-736.23	I-2922		
S2-677.04	I-2710			S2-695.41	I-2893			S2-721.23	I-2921			S2-736.28	I-2922		
S2-677.05	I-2710			S2-695.42	I-2893			S2-721.24	I-2921			S2-736.7	I-2922		
S2-678.1	I-2710			S2-695.43	I-2893			S2-721.29	I-2921			S2-736.8	I-2922		
S2-678.2	I-2710			S2-696.03	I-2893	I-2930		S2-721.31	I-2921			S2-736.9	I-2922		
S2-678.3	I-2710			S2-696.04	I-2893			S2-721.38	I-2925			S2-737.11	I-2923		
S2-678.4	I-2710			S2-696.05	I-2893	I-2930	I-1912	S2-721.39	I-2925			S2-737.19	I-2923		
S2-678.5	I-2710			S2-696.06	I-2893			S2-721.91	I-2925			S2-737.21	I-2923		
S2-679.3	I-2899	I-2929		S2-696.07	I-2893			S2-721.97	I-2921			S2-737.29	I-2923		
S2-679.41	I-2899	I-2929		S2-696.08	I-2893			S2-721.98	I-2925			S2-737.31	I-2929	I-2922	
S2-679.42	I-2899	I-2929		S2-697.31	I-2930			S2-721.99	I-2921			S2-737.32	I-2922		
S2-681.12	I-2720			S2-697.32	I-2930			S2-722.3	I-2924			S2-741.1	I-2919		
S2-681.13	I-2720			S2-697.33	I-2930			S2-722.4	I-2921			S2-741.2	I-2914		
S2-681.14	I-2720			S2-697.34	I-2930			S2-723.3	I-2924			S2-741.31	I-2914		
S2-681.22	I-2720			S2-697.35	I-2930			S2-723.41	I-2924			S2-741.32	I-2914	I-2925	
S2-681.23	I-2720			S2-697.41	I-2899	I-3610		S2-723.42	I-2924			S2-741.41	I-2919	I-2930	
S2-681.24	I-2720			S2-697.42	I-2899			S2-723.43	I-2924			S2-741.49	I-2919		
S2-681.25	I-2720			S2-697.43	I-2899			S2-723.44	I-2924			S2-741.5	I-2919		
S2-682.11	I-2720			S2-697.51	I-2899			S2-723.45	I-2924			S2-741.6	I-2929	I-2919 I-2930	
S2-682.12	I-2720			S2-697.52	I-2899			S2-723.46	I-2924			S2-742.1	I-2912		

SITC Rev.2	ISIC Rev.3			SITC Rev.2	ISIC Rev.3			SITC Rev.2	ISIC Rev.3			SITC Rev.2	ISIC Rev.3		
	A	B	C		A	B	C		A	B	C		A	B	C
S2-885.13	I-3330			S2-893.94	I-2520			S2-896.06	I-9214			S2-899.71	I-3150	I-2029	
S2-885.14	I-3330			S2-893.99	I-2520	I-2109	I-2929	S2-897.2	I-3330	I-1912	I-3699	S2-899.72	I-1912	I-3699	
S2-885.21	I-3330			S2-894.1	I-2519	I-3699		S2-897.31	I-3330	I-3691		S2-899.81	I-3699		
S2-885.22	I-3330			S2-894.21	I-3592	I-3694		S2-897.32	I-3691			S2-899.82	I-3699		
S2-885.23	I-3330			S2-894.22	I-3694			S2-897.33	I-1912	I-3691		S2-899.83	I-3699		
S2-885.24	I-3330			S2-894.23	I-3110	I-3312	I-3694	S2-897.4	I-3691			S2-899.84	I-3699		
S2-885.25	I-3330			S2-894.24	I-3694	I-3693		S2-898.11	I-3692			S2-899.85	I-3699		
S2-885.26	I-3330			S2-894.25	I-3699	I-3694*		S2-898.19	I-3692			S2-899.86	I-3699		
S2-885.29	I-3330			S2-894.61	I-2927			S2-898.21	I-3692			S2-899.87	I-3699		
S2-892.11	I-2211			S2-894.62	I-2927			S2-898.22	I-3692			S2-899.91	I-3150	I-3699	
S2-892.12	I-2211			S2-894.63	I-2927			S2-898.23	I-3692			S2-899.92	I-3699		
S2-892.13	I-2211			S2-894.71	I-3693			S2-898.24	I-3692			S2-899.93	I-3699		
S2-892.2	I-2212			S2-894.72	I-3693			S2-898.25	I-3692			S2-899.94	I-3699		
S2-892.41	I-2219			S2-894.73	I-3699			S2-898.29	I-3692			S2-899.95	I-1810	I-3699	
S2-892.42	I-2219			S2-895.11	I-2899			S2-898.31	I-2429			S2-899.97	I-3699		
S2-892.81	I-2109			S2-895.12	I-2899			S2-898.32	I-2213			S2-899.98	I-2519	I-1721	
S2-892.82	I-2211	I-7421	I-2221	S2-895.21	I-3699			S2-898.9	I-3692			S2-911.0	I-0122	I-0500 I-3699*	
S2-892.83	I-2219			S2-895.22	I-3699			S2-899.11	I-3150	I-1912	I-3699	S2-931.0	I-3699*		
S2-892.84	I-2219			S2-895.23	I-3694	I-3699		S2-899.19	I-3150	I-1912	I-3699	S2-941.0	I-0122		
S2-892.85	I-2211			S2-895.91	I-2429			S2-899.31	I-3699			S2-951.01	I-2519	I-2927	
S2-892.86	I-2520	I-2212	I-2221	S2-895.92	I-3699			S2-899.32	I-3699			S2-951.02	I-2927		
S2-892.89	I-2520	I-2109	I-2211	S2-895.93	I-3699			S2-899.34	I-3699			S2-951.04	I-2899		
S2-893.1	I-2520			S2-895.94	I-3699			S2-899.35	I-3699			S2-951.05	I-2927		
S2-893.2	I-2520			S2-895.95	I-2422	I-2424		S2-899.39	I-3699			S2-951.06	I-2927		
S2-893.3	I-1912	I-2520	I-9214	S2-896.01	I-9214			S2-899.41	I-3699			S2-951.09	I-2927		
S2-893.5	I-3150	I-2520		S2-896.02	I-9214			S2-899.42	I-3699			S2-961.0	I-3691		
S2-893.91	I-2520			S2-896.03	I-9214			S2-899.49	I-3699			S2-971.01	I-2720		
S2-893.92	I-2520			S2-896.04	I-9214			S2-899.61	I-3311			S2-971.02	I-2720		
S2-893.93	I-2520			S2-896.05	I-9214			S2-899.62	I-3311			S2-971.03	I-2720*		

- Notes: 1. *No exact match between SITC Rev.2 to SITC Rev.3 correspondence and SITC Rev.3 and ISIC Rev.3 correspondence were found. Industrial categories of these commodities were matched automatically based on the closest coding group.
2. Due to the size of correspondence lists and space requires, Appendix 1 reports only up to three industrial categories for each commodity. Full result and further inquiries can be obtained by contacting the authors via amaffendy@gmail.com OR amaffendy@feb.unimas.my