B

ATTACHMENT B

Attachment B: Minimum Spanning Tree Analysis

WCCLLI (1)	Cluster (2)	MST Ft (3)	Total distribution route distance in cluster, Ft (4)	MST Ratio (5) (4)/(3)
NRFLVAOV	7	1,150	-	0%
VINNVAVN	7	309	11	3%
RCMDVACG	2	380	25	7%
NRFLVAGS	68	503	42	8%
LYBGVAMH	3	71,963	10,616	15%
BEVLVABV	68	332	51	15%
FRBGVAFB	49	386	63	16%
FRBGVAFB	52	386	63	16%
DRVRVADR	3	56,985	9,668	17%
RCMDVACG	59	635	110	17%
ARTNVACY	15	460	117	25%
HMPNVADC	3	43,913	11,753	27%
DCVLVADV	3	79,525	21,286	27%
WRTNVAWR	9	111,530	30,276	27%
NRFLVAWC	1	624	171	27%
NLFRVANF	3	859	241	28%
NWNWVAHU	1	536	153	28%
LYBGVACV	1	67,017	19,404	29%
RCMDVACG	57	839	247	29%
BLMTVABM	7	93,440	29,883	32%
LBNNVARD	4	61,828	20,183	33%
NRFLVAGS	36	498	163	33%
ARTNVACY	18	406	136	33%
DBLNVADU	5	88,118	29,589	34%
NRFLVAGS	69	303	104	34%
FIFEVAFI	3	58,324	20,218	35%
BCHNVABH	6	87,281	30,398	35%
FLCHVAMF	1	1,135	399	35%
ARTNVACY	16	460	163	35%
NRFLVAGS	66	591	216	37%
PLSKVAPU	4	64,904	23,859	37%
ALXNVAMV	2	1,503	565	38%
RSTNVAFM	29	496	187	38%
FLCHVAMF	56	923	352	38%
RKVLVARK	5	102,784	39,429	38%
LYBGVATM	26	442	170	39%
RSHLVALE	6	96,394	37,886	39%
MRSHVAMA	4	78,678	31,683	40%
HRWDVAHW	14	55,551	22,431	40%
BOYCVABY	3	52,316	21,358	41%
NRFLVAGS	58	337	138	41%
RCMDVACG	22	363	149	41%
FLCHVAMF	37	739	304	41%
FRBGVAFB	45	1,046	438	42%
CHHMVACH	10	90,962	38,339	42%
MDSNVAMA	14	92,170	39,157	42%
NRFLVAGS	29	336	144	43%
CHESVACR	4	54,639	23,467	43%
VRBHVAVB	82	799	344	43%
FLCHVAMF	3	1,029	447	43%
BEVLVABV	22	1,096	478	44%
NRFLVAOV	6	1,027	449	44%
GOVLVAGV	7	101,094	44,318	44%
NRFLVAGS	38	711	312	44%
NRFLVABS	27	1,746	771	44%
HRWDVAHW	9	64,283	28,437	44%
NRFLVAGS	61	724	320	44%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
UNVLVAUV	3	89,194	39,508	44%
UNVLVAUV	1	75,340	33,764	45%
GOVLVAGV	3	93,818	42,279	45%
BDFRVABD	9	60,052	27,282	45%
BKBGVABB	6	117,691	54,309	46%
CHCYVACC	4	64,180	29,794	46%
RSTNVAFM	2	1,002	466	47%
RONKVALK	2	997	469	47%
DBLNVADU	4	68,472	32,514	47%
RCMDVAGR	25	1,399	668	48%
CHSKVADC	3	74,426	35,542	48%
LVTNVALN	15	53,635	25,741	48%
PWHTVAPW	4	113,321	54,751	48%
NRFLVAGS	54	1,431	692	48%
NRFLVAWC	25	724	350	48%
FRBGVAFB	58	2,361	1,143	48%
RSTNVAFM	58	1,234	599	48%
RCMDVACG	55	1,238	601	49%
RSHLVALE	4	109,339	53,773	49%
VARNVAVR	4	69,748	34,396	49%
BEVLVABV	71	1,098	542	49%
HYSIVAHY	2	130,904	65,114	50%
ARTNVACY	17	1,819	919	51%
RSTNVAFM	60	1,120	568	51%
NRFLVAGS	48	1,381	714	52%
WLBGVAJP	5	62,543	32,484	52%
FIFEVAFI	7	96,725	50,265	52%
NWNWVAYK	4	65,983	34,526	52%
NRFLVAGS	50	548	287	52%
FRBGVAFB	46	2,019	1,061	53%
HPWLVAHW	9	75,330	40,178	53%
MDSNVAMA	9	100,658	54,054	54%
BOYCVABY	11	71,361	38,471	54%
NRFLVABS	25	2,977	1,607	54%
RCMDVACG	25	398	215	54%
BEVLVABV	245	532	290	54%
LVTNVALN	10	77,206	42,406	55%
CALVVACA	6	84,626	46,518	55%
BOYCVABY	4	90,116	49,700	55%
CRVLVACV	6	85,843	47,469	55%
VRBHVAVB	91	1,705	948	56%
CHCYVACC	7	93,468	52,084	56%
SWVLVASV	14	95,143	53,020	56%
RSTNVAFM	43	945	528	56%
PNRVVAPR	14	114,216	63,911	56%
DVPTVADP	8	125,775	70,412	56%
BCKNVABC	3	94,909	53,641	57%
ONNCVAON	11	97,375	55,230	57%
PRKSVAPK	5	96,154	54,715	57%
RSTNVAFM	36	1,030	587	57%
WHOKVAWO	13	90,503	51,605	57%
GNBOVAGA	1	114,385	65,279	57%
NRFLVAOV	12	1,314	752	57%
NRFLVAGS	64	336	194	58%
FRBGVAFB	56	571	330	58%
BEVLVABV	135	518	300	58%
RCMDVAHL	39	4,233	2,494	59%
SFFLVASK	4	92,691	55,067	59%
FLCHVAMF	38	1,302	774	59%
GOVLVAGV	6	91,567	54,640	60%
ALXNVAMV	23	1,046	625	60%
CLPPVACU	5	74,191	44,287	60%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
RCMDVAGR	86	904	543	60%
NRFLVAGS	34	1,144	687	60%
VRBHVAVB	84	340	205	60%
NRFLVAGS	41	1,795	1,087	61%
NRFLVAOV	15	2,349	1,424	61%
RONKVALK	33	1,075	657	61%
DBLNVADU	7	107,274	65,856	61%
FRFXVAFF	50	837	516	62%
PRFRVAPF	8	88,019	54,368	62%
WVRLVAWV	16	89,812	55,745	62%
PNRVVAPR	11	98,975	61,679	62%
STDRVASD	5	85,382	53,704	63%
LOUSVALU	3	84,698	53,686	63%
TOANVATO	3	74,137	46,996	63%
NWNWVAHU	13	1,351	856	63%
NRFLVAWC	27	403	256	63%
LBNNVARD	3	80,762	51,942	64%
RSTNVAFM	7	743	479	65%
RCMDVASR	3	1,924	1,249	65%
CHCYVACC	20	1,500	995	66%
VRBHVAVB	86	1,741	1,157	66%
FRBGVAFB	55	1,840	1,224	67%
NRFLVAGS	59	336	224	67%
CMLDVACU	6	82,354	54,882	67%
NRFLVAGS	39	886	593	67%
SNMTVASM	18	99,068	66,912	68%
NRFLVAGS	35	2,183	1,476	68%
RCMDVAGR	27	2,565	1,740	68%
NRFLVAOV	13	2,239	1,532	68%
HRNDVAHE	89	742	509	69%
ONNCVAON	5	87,966	60,425	69%
CLPPVALI	3	81,975	56,366	69%
CRBGVACB	3	82,575	56,803	69%
BEVLVABV	80	1,020	704	69%
RCMDVAHL	6	4,342	3,022	70%
NWNWVAHU	14	2,148	1,496	70%
NRFLVAOV	2	3,428	2,397	70%
HRNDVAHE	2	1,646	1,152	70%
RCMDVACG	10	3,014	2,115	70%
HRNDVAHE	17	1,962	1,377	70%
RCMDVAHL	37	13,314	9,345	70%
VRBHVAVB	81	752	528	70%
RKVLVARK	4	88,054	61,877	70%
VRBHVARC	16	2,962	2,083	70%
NRFLVABS	37	1,378	971	70%
RCMDVAGR	42	1,883	1,335	71%
RCMDVAGR	58	768	556	72%
CRVIVACV	15	52,178	37,870	73%
RCMDVAGR	85	4,184	3,054	73%
VRBHVAPT	5	4,621	3,373	73%
BEVLVABV	107	2,127	1,556	73%
DAVLVADA	12	4,685	3,432	73%
HMPNVADC	2	12,757	9,377	74%
VRBHVAIR	27	2,552	1,881	74%
ALXNVAMV	4	1,783	1,319	74%
NRFLVAOV	14	1,900	1,409	74%
NWNWVAHU	15	2,228	1,656	74%
RSTNVAFM	64	979	730	75%
WLBGVAJP	3	114,197	85,317	75%
FRBGVAFB	51	1,409	1,054	75%
WHOKVAWO	4	99,486	74,439	75%
NRFLVASP	10	4,759	3,578	75%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
DAVLVADA	11	4,573	3,440	75%
VRBHVAVB	63	8,057	6,073	75%
RCMDVAGR	5	584	444	76%
VRBHVARC	17	1,753	1,338	76%
FRBGVAFB	43	3,783	2,891	76%
FLCHVAMF	18	2,296	1,759	77%
CLPPVARV	3	92,850	71,582	77%
RSTNVAFM	34	1,087	838	77%
PLSKVAPU	6	2,455	1,906	78%
RCMDVAGR	32	803	624	78%
PNRVVAPR	4	6,159	4,820	78%
RCMDVACG	23	6,400	5,015	78%
LYBGVACH	25	3,391	2,658	78%
FRBGVAFB	54	1,682	1,323	79%
NRFLVAGS	49	772	608	79%
FLCHVAMF	26	433	341	79%
NRFLVAGS	45	3,585	2,846	79%
NRFLVAGS	46	1,099	873	79%
FRBGVAFB	33	2,580	2,052	80%
BEVLVABV	160	526	420	80%
RCMDVAGR	89	706	565	80%
VRBHVARC	14	6,703	5,393	80%
VRBHVAVB	108	827	667	81%
RCMDVAGR	31	3,003	2,424	81%
ALXNVAAD	44	5,014	4,047	81%
NRFLVAWC	19	1,471	1,188	81%
NWNWVAHU	12	7,352	5,946	81%
FRBGVAFB	57	1,522	1,234	81%
ARTNVACY	45	1,173	953	81%
NRFLVABS	36	1,535	1,249	81%
ALXNVAMV	14	22,100	17,993	81%
HMPNVADC	17	395	323	82%
RCMDVAGR	35	536	439	82%
BEVLVABV	89	3,947	3,241	82%
VRBHVACC	13	4,647	3,817	82%
HRNDVAHE	24	5,639	4,635	82%
RCMDVASR	61	3,966	3,264	82%
CNVIVACT	34	4,907	4,041	82%
RCMDVAGR	21	1,739	1,432	82%
VRBHVAVB	87	791	652	82%
NRFLVAWC	29	4,891	4,034	82%
BEVLVABV	144	1,147	946	83%
NRFLVABS	42	15,856	13,102	83%
ARTNVAAR	100	572	473	83%
SALMVASA	24	9,769	8,079	83%
NRFLVAOV	5	3,268	2,705	83%
VRBHVAVB	69	1,163	966	83%
RCMDVAGR	87	1,148	954	83%
VRBHVAVB	46	2,752	2,296	83%
RONKVALK	32	3,843	3,207	83%
VRBHVAVB	77	9,101	7,606	84%
NRFLVAWC	26	4,382	3,670	84%
NRFLVABS	70	2,330	1,956	84%
BEVLVABV	79	2,956	2,482	84%
NRFLVASP	13	4,335	3,644	84%
RONKVALK	31	5,638	4,741	84%
LYBGVATM	5	2,981	2,507	84%
ARTNVACY	40	1,128	949	84%
VRBHVARC	18	2,646	2,228	84%
RSTNVAFM	19	1,651	1,391	84%
ALXNVAMV	13	7,207	6,094	85%
FRBGVAFB	44	1,588	1,343	85%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
RCMDVAGR	30	2,796	2,372	85%
HRNDVAHE	87	3,377	2,865	85%
ARTNVACK	22	3,685	3,128	85%
NRFLVABS	21	1,245	1,058	85%
BEVLVABV	126	1,932	1,643	85%
HPWLVAHW	36	11,871	10,098	85%
VRBHVAVB	35	1,389	1,183	85%
CMLDVACU	19	6,272	5,343	85%
CNVIVACT	24	11,889	10,137	85%
RONKVALK	65	20,383	17,391	85%
NRFLVAOV	11	1,192	1,017	85%
RSTNVAFM	18	3,917	3,346	85%
RONKVALK	30	10,632	9,101	86%
RONKVALK	44	10,154	8,693	86%
BEVLVABV	251	972	832	86%
RCMDVAGR	84	4,104	3,514	86%
PTMOVAHS	40	1,843	1,583	86%
FRBGVAFB	64	2,440	2,098	86%
HRNDVAHE	95	1,921	1,653	86%
ALXNVAMV	7	3,668	3,155	86%
BEVLVABV	13	3,919	3,388	86%
NRFLVAGS	30	51,326	44,372	86%
RONKVALK	36	3,462	2,995	87%
FLCHVAMF	36	1,415	1,225	87%
VRBHVAVB	8	31,983	27,738	87%
RCMDVAHL	36	12,070	10,471	87%
VRBHVAVB	6	14,956	12,976	87%
NRTNVANO	1	64,887	56,373	87%
CLPPVACU	2	17,830	15,491	87%
NRFLVAGS	56	1,239	1,077	87%
BEVLVABV	180	1,866	1,623	87%
RCMDVAGR	57	691	601	87%
CRBGVACB	45	4,336	3,776	87%
FRBGVAFB	63	2,530	2,209	87%
HPWLVAHW	23	44,929	39,323	88%
RCMDVAHL	38	15,947	13,969	88%
CNCTVACT	4	15,334	13,450	88%
HRNDVAHE	86	2,301	2,019	88%
RCMDVASR	80	6,799	5,968	88%
RONKVALK	41	35,717	31,390	88%
RCMDVAGR	53	1,005	884	88%
VRBHVAVB	104	2,728	2,411	88%
FRBGVAFB	61	4,996	4,424	89%
ALXNVAMV	12	82,350	72,962	89%
BEVLVABV	16	4,293	3,805	89%
ARTNVACY	4	2,251	1,998	89%
NRFLVABS	13	12,021	10,690	89%
LYBGVACH	1	3,221	2,865	89%
CNVIVACT	20	15,666	13,941	89%
RONKVALK	61	32,540	28,994	89%
RCMDVAGR	82	3,135	2,797	89%
RCMDVAGR	88	574	512	89%
HMPNVADC	15	5,565	4,964	89%
BEVLVABV	131	2,545	2,272	89%
CHSKVAGU	5	15,092	13,478	89%
CNVIVACT	33	4,825	4,312	89%
HPWLVAHW	1	36,960	33,094	90%
VRBHVAVB	57	1,605	1,438	90%
NRFLVAWC	12	17,316	15,513	90%
VINNVAVN	34	4,985	4,468	90%
NRFLVASP	24	8,609	7,717	90%
NRFLVAWC	9	8,841	7,950	90%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
RONKVALK	14	26,438	23,784	90%
PTMOVAHS	12	7,860	7,076	90%
HPWLVAHW	22	49,738	44,816	90%
ARTNVAAR	102	688	622	90%
RONKVALK	34	1,832	1,655	90%
PTMOVAHS	24	24,510	22,149	90%
PTMOVAHS	1	2,602	2,352	90%
NRFLVABS	11	3,265	2,956	91%
ASLDVAAS	1	39,899	36,131	91%
FRBGVAFB	50	3,000	2,718	91%
CRBGVACB	39	3,838	3,478	91%
VRBHVARC	24	4,419	4,009	91%
NRFLVABL	20	42,191	38,301	91%
ARTNVACY	5	2,164	1,965	91%
CRBGVACB	16	25,691	23,335	91%
PLSKVAPU	1	51,964	47,274	91%
STTNVAST	26	28,065	25,563	91%
WSPNVAWP	1	42,722	38,955	91%
SALMVASA	12	26,302	23,987	91%
CNVIVACT	88	6,067	5,538	91%
RSTNVAFM	41	3,796	3,466	91%
NRFLVABS	24	1,073	979	91%
BSGPVABG	7	91,380	83,612	91%
RCMDVAGR	7	7,497	6,863	92%
WLBGVAJP	2	7,720	7,070	92%
BEVLVABV	221	457	419	92%
ALXNVAAD	3	3,331	3,053	92%
ALXNVAAD	50	1,523	1,396	92%
RCMDVARA	22	21,068	19,327	92%
RCMDVASR	55	6,117	5,615	92%
FRFXVAFF	68	9,400	8,630	92%
HPWLVAHW	37	12,211	11,213	92%
VRBHVAVB	56	2,889	2,660	92%
BEVLVABV	252	1,704	1,570	92%
HRNDVAHE	93	6,852	6,320	92%
NRFLVABS	30	1,989	1,835	92%
PTMOVAHS	4	18,568	17,181	93%
BLBGVABB	23	15,227	14,094	93%
PTMOVAHS	28	24,571	22,743	93%
NRFLVAOV	16	3,873	3,590	93%
NRFLVABS	16	5,407	5,025	93%
SALMVASA	10	17,322	16,101	93%
RONKVALK	22	13,887	12,909	93%
DAVLVADA	19	8,593	7,988	93%
ARTNVAAR	22	4,555	4,237	93%
CHSKVAGU	6	6,166	5,735	93%
CRBGVACB	35	2,324	2,162	93%
NWNWVAHU	30	4,901	4,564	93%
LYBGVACH	22	13,680	12,743	93%
VRBHVAVB	73	739	688	93%
LYBGVACH	40	40,396	37,633	93%
RCMDVASR	64	4,557	4,251	93%
HRNDVAHE	90	7,691	7,177	93%
NRFLVABS	55	10,207	9,533	93%
NRFLVAWC	21	3,644	3,403	93%
VRBHVACC	15	6,898	6,451	94%
HRNDVAHE	92	7,218	6,759	94%
VRBHVAVB	64	8,424	7,901	94%
PTMOVAHS	34	35,922	33,765	94%
RCMDVASR	49	3,748	3,525	94%
BEVLVABV	256	670	630	94%
ALXNVABR	15	5,281	4,968	94%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
BEVLVABV	14	7,740	7,285	94%
NRFLVABL	27	5,265	4,956	94%
SPFDVASP	53	3,671	3,456	94%
VRBHVARC	2	560	527	94%
RCMDVAGR	60	410	387	94%
HMPNVAAB	7	17,068	16,096	94%
RCMDVAHL	31	14,487	13,663	94%
HRNDVAST	33	10,470	9,876	94%
VRBHVAVB	19	39,944	37,685	94%
HMPNVADC	16	1,448	1,366	94%
VRBHVAPT	37	21,560	20,348	94%
ALXNVAAD	46	4,703	4,442	94%
BLBGVABB	25	16,256	15,356	94%
NWNWVAHU	7	14,244	13,457	94%
BCHNVABH	8	36,828	34,804	95%
RCMDVASR	53	6,931	6,550	95%
FLCHVAMF	9	3,426	3,241	95%
NRFLVASP	21	32,506	30,774	95%
CHSKVADC	17	51,578	48,881	95%
RCMDVATC	2	16,277	15,433	95%
SALMVASA	11	16,252	15,412	95%
LYBGVACH	46	23,029	21,839	95%
CMLDVACU	12	63,992	60,702	95%
BEVLVABV	86	8,989	8,533	95%
LYBGVACH	18	42,353	40,205	95%
WLBGVAJP	40	5,962	5,661	95%
RCMDVAPS	3	76,787	72,929	95%
NWNWVAHU	4	8,369	7,959	95%
RCMDVAGR	46	5,588	5,321	95%
VRBHVAIR	3	16,056	15,287	95%
FRBGVAFB	60	1,541	1,467	95%
NRWSVANA	1	57,315	54,607	95%
WLBGVAJP	35	9,121	8,693	95%
VRBHVAVB	3	21,481	20,484	95%
RCMDVAGR	10	14,580	13,911	95%
CHSKVAGU	14	27,687	26,426	95%
GVTNVAGR	20	52,713	50,323	95%
NRTNVANO	3	34,403	32,886	96%
PTMOVAHS	11	8,792	8,409	96%
LYBGVACH	36	1,490	1,425	96%
RCMDVASR	75	7,490	7,168	96%
PTMOVAHS	29	23,438	22,440	96%
RCMDVARA	14	22,113	21,179	96%
RCMDVAHR	19	16,950	16,241	96%
RSTNVAFM	14	3,365	3,225	96%
LYBGVACH	13	6,024	5,780	96%
NRFLVAWC	24	4,721	4,535	96%
CHSKVAGU	7	43,832	42,109	96%
RCMDVAHS	10	6,893	6,623	96%
NRWSVANA	13	91,239	87,724	96%
RONKVALK	60	49,684	47,790	96%
SPFDVASP	48	4,962	4,773	96%
VRBHVACC	33	5,022	4,831	96%
VRBHVARC	23	7,966	7,665	96%
LVTNVALN	5	25,532	24,568	96%
ALXNVAAX	37	3,387	3,261	96%
BEVLVABV	34	5,473	5,273	96%
PRBGVAPB	10	69,421	66,886	96%
FRFXVAFF	17	1,387	1,337	96%
NRFLVAWC	3	14,381	13,865	96%
NRFLVAWC	16	5,522	5,325	96%
NRFLVAGS	2	3,621	3,492	96%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
WLBGVAJP	31	19,353	18,675	96%
CRBGVACB	41	4,169	4,024	97%
RCMDVAPS	32	34,940	33,726	97%
LYBGVACH	39	42,547	41,082	97%
RCMDVAGR	63	500	483	97%
NWNWVAHU	9	22,582	21,810	97%
VRBHVAVB	11	3,380	3,265	97%
RONKVALK	42	35,277	34,125	97%
SNTNVASS	14	69,136	66,885	97%
WLBGVAWM	10	17,480	16,923	97%
CHESVACR	1	31,835	30,822	97%
HMPNVADC	32	19,906	19,289	97%
RCMDVASR	12	5,361	5,199	97%
NRFLVAGS	21	4,832	4,685	97%
LYBGVACH	20	29,321	28,440	97%
FRBGVAFB	9	78,491	76,197	97%
WLBGVAJP	30	33,663	32,688	97%
BEVLVABV	253	1,021	992	97%
VRBHVAVB	1	6,706	6,514	97%
FLCHVAMF	31	2,365	2,298	97%
VRBHVACC	14	10,269	9,982	97%
NRTNVANO	6	54,519	53,066	97%
BLBGVABB	32	28,514	27,759	97%
RONKVALK	55	13,084	12,738	97%
COBNVACB	1	71,938	70,049	97%
ALXNVACN	17	382	372	97%
SFFLVASK	32	20,689	20,168	97%
FRBGVAFB	27	25,080	24,454	98%
NRFLVABS	60	7,259	7,078	98%
RCMDVAPS	27	3,309	3,227	98%
RCMDVAHL	8	37,158	36,242	98%
WNCHVAWC	53	20,482	19,993	98%
WNCHVANM	3	26,034	25,417	98%
CLPPVACU	17	22,898	22,359	98%
RSTNVAFM	54	3,282	3,205	98%
LBNNVARD	2	161,246	157,501	98%
PTMOVAHF	4	23,290	22,750	98%
HMPNVAQN	11	4,838	4,726	98%
RONKVACS	48	23,811	23,265	98%
LYBGVATM	25	3,034	2,965	98%
ALXNVAMV	33	43,459	42,514	98%
PTMOVAHS	20	38,673	37,834	98%
FRBGVAFB	74	21,632	21,165	98%
CMLDVACU	2	17,405	17,032	98%
CRBGVACB	25	41,529	40,642	98%
ALXNVAMV	6	42,857	41,950	98%
CNVIVACT	65	4,495	4,401	98%
RONKVALK	63	47,254	46,281	98%
FRFXVAFF	87	3,996	3,913	98%
FRFXVAFF	66	13,036	12,769	98%
VRBHVARC	29	2,934	2,876	98%
BEVLVABV	95	1,383	1,355	98%
PTMOVAHS	9	38,418	37,685	98%
HPWLVAHW	21	66,678	65,426	98%
BDFRVABD	1	52,818	51,826	98%
PLSKVAPU	19	60,067	58,944	98%
PTMOVAHS	8	23,745	23,321	98%
RCMDVATC	6	29,364	28,848	98%
HPWLVAHW	35	28,245	27,755	98%
RCMDVAPS	41	63,779	62,691	98%
LYBGVACH	7	6,087	5,985	98%
RCMDVAGK	20	63,986	62,931	98%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
CRBGVACB	36	15,569	15,320	98%
NWNWVAHU	10	9,310	9,161	98%
FRBGVAFB	32	6,053	5,959	98%
RCMDVAHR	28	60,624	59,691	98%
WISEVAWI	1	83,260	82,004	98%
NRFLVASP	23	25,528	25,159	99%
NRFLVABL	12	8,095	7,978	99%
RCMDVAHL	35	31,486	31,038	99%
STTNVAST	31	32,461	32,000	99%
PTMOVAHS	2	41,305	40,730	99%
CNVIVACT	81	8,968	8,846	99%
WNTRVAWG	2	93,606	92,339	99%
RCMDVALS	2	40,119	39,581	99%
CHCYVACC	18	30,493	30,088	99%
RSHLVALE	3	68,244	67,378	99%
RCMDVAHL	10	39,511	39,025	99%
HRNDVAHE	55	6,227	6,151	99%
BEVLVABV	96	6,958	6,879	99%
RCMDVAGY	1	47,566	47,033	99%
VRBHVACC	7	15,589	15,419	99%
HRNDVADU	2	15,874	15,706	99%
NRFLVABS	38	1,260	1,247	99%
RONKVALK	35	7,359	7,283	99%
BEVLVABV	17	8,830	8,741	99%
NRFLVABS	56	28,113	27,830	99%
FLCHVAMF	25	2,744	2,717	99%
NRFLVABS	40	51,510	50,996	99%
PTBGVAPB	27	146,442	144,984	99%
RCMDVACG	17	4,128	4,088	99%
DAVLVADA	31	13,580	13,457	99%
HRNDVAHE	79	15,985	15,843	99%
NRFLVABS	8	2,750	2,729	99%
RCMDVAGR	56	1,139	1,130	99%
RCMDVALS	34	75,594	75,092	99%
ARTNVAAR	24	25,577	25,411	99%
CRBGVACB	20	16,536	16,429	99%
NRFLVAWC	34	29,614	29,435	99%
RCMDVALS	10	63,705	63,321	99%
WNCHVANM	11	153,733	152,820	99%
NRFLVABS	54	29,345	29,180	99%
CHESVACR	15	2,189	2,177	99%
CHSKVACD	16	33,178	33,004	99%
HRNDVAHE	60	8,110	8,069	99%
RCMDVAGR	80	8,895	8,851	99%
FRBGVAFB	41	6,176	6,148	100%
FRFXVABF	8	8,498	8,459	100%
HRNDVAHE	85	2,730	2,718	100%
RONKVABK	17	17,073	16,996	100%
RONKVALK	46	40,680	40,531	100%
SALMVAMC	1	92,114	91,784	100%
CNVIVACT	39	3,851	3,838	100%
CHESVACR	21	33,823	33,708	100%
NRFLVAGS	55	1,925	1,919	100%
HPWLVAHW	14	58,156	57,961	100%
VRBHVAVB	65	3,526	3,515	100%
HYSIVAHY	4	73,917	73,695	100%
NRFLVABS	68	5,764	5,749	100%
VRBHVAVB	93	1,082	1,080	100%
RONKVALK	54	64,653	64,541	100%
RCMDVARA	4	2,895	2,893	100%
RCMDVAHR	32	63,481	63,443	100%
GVTNVAGR	2	41,729	41,709	100%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
WLBGVAJP	32	21,411	21,403	100%
STTNVAST	18	46,283	46,288	100%
HPWLVAHW	32	31,271	31,284	100%
ARTNVAAR	18	4,611	4,614	100%
NWNWVAHU	38	16,750	16,763	100%
FLCHVAMF	24	3,267	3,270	100%
CRBGVACB	40	2,478	2,481	100%
RCMDVAGR	70	35,624	35,669	100%
NRFLVABL	6	19,508	19,548	100%
HRNDVAHE	88	4,495	4,506	100%
RCMDVALS	11	23,781	23,841	100%
LYBGVACH	14	23,274	23,345	100%
BEVLVABV	237	4,877	4,892	100%
EXMRVAEX	1	127,331	127,745	100%
NRFLVAWC	13	17,602	17,674	100%
SALMVASA	9	20,943	21,030	100%
FRFXVABF	15	8,922	8,961	100%
PNGPVAPG	1	89,970	90,385	100%
NRFLVAWC	18	12,162	12,228	101%
FRBGVAFB	8	13,231	13,305	101%
BEVLVABV	94	20,280	20,393	101%
STTNVAST	14	26,002	26,150	101%
RCMDVASR	35	39,412	39,644	101%
NRFLVASP	26	5,667	5,702	101%
SALMVASA	18	23,034	23,180	101%
VRBHVACC	12	11,969	12,049	101%
ALXNVAFR	18	11,627	11,706	101%
PRBGVAPB	1	41,569	41,856	101%
SWCKVASC	4	117,270	118,082	101%
VRBHVAVB	18	35,309	35,555	101%
BLMTVABM	6	97,740	98,488	101%
RCMDVASR	57	5,084	5,123	101%
LYBGVACH	51	27,806	28,035	101%
VRBHVAIR	42	3,800	3,833	101%
STTNVAST	21	50,798	51,244	101%
VRBHVAVB	40	612	618	101%
PTBGVAPB	28	55,563	56,109	101%
HRNDVAHE	20	3,839	3,879	101%
DAVLVADA	32	21,036	21,254	101%
RSTNVAFM	47	443	447	101%
BLBGVABB	27	45,705	46,188	101%
BEVLVABV	10	36,324	36,716	101%
PLSKVAPU	2	54,478	55,067	101%
RCMDVARA	25	10,158	10,274	101%
ALXNVAAX	21	17,899	18,106	101%
NRFLVABL	16	24,694	24,981	101%
GRFLVAGF	7	51,019	51,623	101%
NRFLVABL	19	22,166	22,429	101%
VRBHVACC	50	3,274	3,313	101%
RCMDVAGR	81	7,175	7,260	101%
VRBHVAGN	14	23,380	23,661	101%
BEVLVABV	5	25,787	26,114	101%
COBNVACB	8	138,963	140,788	101%
VRBHVACC	49	1,585	1,606	101%
APLCVAAP	1	124,710	126,439	101%
VRBHVAVB	122	20,180	20,467	101%
RONKVALK	5	63,270	64,168	101%
FRFXVAFF	39	6,155	6,243	101%
GOVLVAGV	9	77,865	78,994	101%
VRBHVAPT	42	9,816	9,961	101%
RCMDVAGR	52	899	912	101%
DAVLVADA	8	12,217	12,399	101%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
MDLTVAMD	4	47,525	48,236	101%
RCMDVASN	4	47,500	48,218	102%
ALXNVAAX	38	1,357	1,378	102%
WVRLVAWV	7	75,556	76,752	102%
NRFLVABS	4	22,979	23,348	102%
CNCTVACT	5	54,400	55,298	102%
FRBGVAFB	37	3,691	3,752	102%
RONKVACS	34	23,395	23,784	102%
RCMDVAHL	13	17,403	17,696	102%
RDFRVARA	19	53,025	53,920	102%
RCMDVASR	48	7,393	7,518	102%
WLBGVAWM	1	18,865	19,186	102%
HRNDVAHE	19	8,681	8,834	102%
TMVLVATV	3	113,470	115,496	102%
RCMDVAHR	30	55,066	56,059	102%
RONKVABK	2	11,831	12,048	102%
NRFLVAGS	1	34,144	34,778	102%
FRBGVAFB	47	11,765	11,983	102%
NRFLVABS	50	26,479	26,984	102%
CHSKVACD	17	68,260	69,570	102%
NRFLVASP	16	20,810	21,216	102%
FRBGVAFB	22	2,505	2,554	102%
ARTNVAAR	17	17,726	18,077	102%
CRVIVACV	13	50,836	51,854	102%
RCMDVAHR	10	30,618	31,236	102%
STPLVASP	6	83,417	85,101	102%
FRBGVAFB	12	17,150	17,501	102%
BDFRVABD	31	33,184	33,864	102%
RCMDVACG	33	28,169	28,756	102%
SWVLVASV	6	182,026	185,823	102%
ARTNVAAR	32	15,540	15,866	102%
PNRVVAPR	2	85,017	86,830	102%
VRBHVAVB	54	680	694	102%
BEVLVABV	37	15,602	15,937	102%
CRBGVACB	44	6,685	6,831	102%
MCKYVAMK	3	87,759	89,692	102%
RCMDVAHL	33	21,046	21,514	102%
CHSKVACD	3	45,107	46,121	102%
CLPPVACU	3	89,163	91,186	102%
PTMOVAHS	35	51,375	52,547	102%
WLBGVAJP	41	21,548	22,041	102%
NWNWVAHU	37	22,397	22,921	102%
NRFLVASP	3	24,072	24,635	102%
PNRVVAPR	18	101,475	103,858	102%
NWNWVAHV	9	2,353	2,408	102%
UPVLVAUP	2	33,368	34,157	102%
ARTNVACY	38	945	967	102%
ALXNVAMV	11	46,991	48,108	102%
PTMOVAHS	30	20,450	20,936	102%
CNVIVACT	17	29,756	30,467	102%
WVRLVAWV	24	97,512	99,941	102%
CLWDVACW	1	129,419	132,677	103%
SFFLVASK	20	50,052	51,313	103%
RCMDVAPS	8	46,730	47,915	103%
RCMDVAHR	27	71,868	73,696	103%
RCMDVAGR	12	1,305	1,338	103%
FRBGVAFB	17	35,990	36,920	103%
ARTNVAAR	110	34,477	35,375	103%
SALMVASA	1	16,174	16,600	103%
NRTNVANO	7	49,772	51,086	103%
BEVLVABV	9	4,673	4,797	103%
NRFLVABS	20	4,329	4,444	103%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
BEVLVABV	184	860	883	103%
FRFXVAFF	18	7,262	7,456	103%
ALXNVAAD	32	15,623	16,044	103%
WISEVAWI	6	86,130	88,480	103%
HMPNVADC	18	32,746	33,641	103%
MDBGVAMI	1	89,507	91,966	103%
ALXNVACN	6	21,773	22,372	103%
STCHVASC	1	108,977	112,022	103%
ALXNVAAD	16	14,952	15,369	103%
SFFLVASK	19	22,961	23,603	103%
ALXNVACN	36	36,607	37,632	103%
RCMDVAGR	19	2,723	2,799	103%
PNRVVAPR	13	86,183	88,604	103%
BEVLVABV	12	13,786	14,175	103%
RCMDVARA	17	19,556	20,109	103%
ALXNVAAD	43	36,285	37,333	103%
SALMVASA	6	41,925	43,147	103%
WVRLVAWV	17	77,588	79,860	103%
BSGPVABG	8	124,634	128,309	103%
RCMDVACG	50	3,360	3,461	103%
CRBGVACB	37	4,187	4,313	103%
VRBHVAPT	12	32,426	33,417	103%
ALXNVAMV	10	47,285	48,736	103%
MCKYVAMK	9	64,164	66,141	103%
NRFLVABS	52	42,003	43,297	103%
VRBHVAVB	15	27,246	28,089	103%
ALXNVAAX	25	12,194	12,571	103%
VRBHVAVB	79	412	425	103%
RCMDVASN	6	52,190	53,815	103%
HRNDVADU	1	9,577	9,878	103%
VRBHVARC	15	16,249	16,766	103%
HRNDVAHE	47	4,295	4,432	103%
WLBGVAJP	37	38,865	40,108	103%
LYBGVACH	16	15,115	15,601	103%
PLSKVAPU	21	80,263	82,852	103%
FRBGVAFB	76	29,085	30,025	103%
RSTNVAFM	6	2,950	3,046	103%
PRBGVAPB	4	119,388	123,312	103%
RCMDVASN	15	41,656	43,028	103%
NWNWVAJF	19	6,262	6,470	103%
SNMTVASM	6	24,952	25,785	103%
NRFLVABS	41	44,817	46,317	103%
RONKVABK	19	34,454	35,612	103%
ARTNVAAR	16	7,340	7,589	103%
ALXNVAMV	16	57,542	59,500	103%
LYBGVACH	43	19,448	20,113	103%
RSHLVALE	14	130,872	135,351	103%
RCMDVASR	76	4,729	4,891	103%
DAVLVADA	44	36,370	37,622	103%
WLBGVAWM	6	125,232	129,554	103%
CHESVACR	2	60,172	62,250	103%
STPLVASP	2	169,266	175,134	103%
NRFLVASP	4	52,149	53,962	103%
CNVIVACT	42	3,073	3,182	104%
RCMDVARA	18	90,375	93,589	104%
VRBHVAIR	6	3,346	3,466	104%
SWCKVASC	2	98,816	102,344	104%
RCMDVACG	47	10,230	10,596	104%
WVRLVAWV	6	23,942	24,802	104%
CHHMVACH	28	85,355	88,423	104%
RCMDVASN	2	22,021	22,813	104%
VRBHVAVB	31	13,175	13,651	104%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
MNRLVAML	7	109,026	112,997	104%
WVRLVAWV	23	71,256	73,863	104%
NRFLVASP	37	47,694	49,440	104%
PTMOVAHS	36	51,870	53,771	104%
CLNCVACL	7	95,668	99,176	104%
LBNNVALB	1	106,868	110,794	104%
NRFLVAWC	22	3,243	3,364	104%
ARTNVAFC	34	31,067	32,222	104%
NRFLVABS	14	19,018	19,729	104%
BLBGVABB	29	24,956	25,893	104%
NRFLVAGS	33	10,216	10,602	104%
CHHMVACH	27	98,080	101,785	104%
VRBHVAVB	72	812	843	104%
MCKYVAMK	5	48,135	49,961	104%
CNVIVACT	49	57,634	59,830	104%
MNRLVAML	8	93,319	96,907	104%
VRBHVARC	31	25,831	26,830	104%
WLBGVAJP	11	32,088	33,332	104%
RCMDVAGR	24	689	716	104%
CRBGVACB	26	49,314	51,253	104%
VRBHVAVB	4	2,344	2,436	104%
RCMDVAHR	1	6,037	6,274	104%
RCMDVASR	72	5,132	5,334	104%
NRFLVABL	17	39,967	41,544	104%
VRBHVAVB	30	40,861	42,474	104%
PTMOVAHS	21	41,298	42,929	104%
LYBGVATM	29	40,726	42,348	104%
RCMDVALS	3	58,639	60,984	104%
STCYVASC	12	88,333	91,875	104%
ARTNVAFC	33	40,388	42,017	104%
VRBHVACC	41	32,426	33,743	104%
RCMDVAPS	6	38,555	40,120	104%
NWNWVAHU	29	1,638	1,705	104%
RCMDVAPS	9	23,895	24,872	104%
RNGLVARG	5	65,653	68,354	104%
VRBHVAVB	50	11,749	12,232	104%
RCMDVAHS	1	5,669	5,903	104%
ARTNVAFC	9	39,847	41,501	104%
ONNCVAON	7	87,141	90,795	104%
VRBHVAGN	10	74,387	77,520	104%
NRFLVABS	47	15,739	16,402	104%
WRTNVAWR	16	172,918	180,214	104%
VRBHVARC	6	39,439	41,112	104%
SNTNVASS	12	49,632	51,753	104%
WVRLVAWV	3	81,809	85,317	104%
HRNDVAHE	68	24,645	25,702	104%
PNRVVAPR	12	74,245	77,442	104%
STTNVAST	28	10,541	10,995	104%
ARTNVAFC	29	54,883	57,250	104%
RCMDVASR	34	48,928	51,044	104%
STTNVAST	30	76,979	80,310	104%
RCMDVACG	14	14,341	14,965	104%
RCMDVASR	65	53,451	55,783	104%
HNKRVAHK	1	121,742	127,073	104%
ARTNVAFC	3	54,205	56,583	104%
WISEVAWI	9	142,869	149,164	104%
HMPNVAQN	6	42,016	43,867	104%
NRFLVAGS	3	6,946	7,252	104%
BCHNVABH	1	88,033	91,940	104%
LYBGVACH	30	55,944	58,433	104%
NRFLVAWC	32	34,192	35,714	104%
RCMDVALS	14	69,206	72,287	104%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
ARTNVAFC	24	14,149	14,780	104%
RCMDVAGK	19	93,553	97,727	104%
RCMDVAIT	17	4,963	5,185	104%
PNGPVAPG	7	106,397	111,166	104%
FRBGVAFB	30	10,502	10,973	104%
FRBGVALH	1	17,484	18,268	104%
RCMDVAGY	2	112,828	117,903	104%
RCMDVAGR	75	20,590	21,520	105%
SFFLVASK	21	51,050	53,357	105%
SWCKVASC	8	106,350	111,189	105%
RONKVACS	41	23,976	25,068	105%
ORNGVAOR	19	61,716	64,531	105%
LYBGVACH	28	8,771	9,176	105%
ALXNVAAX	65	31,816	33,287	105%
HPWLVAHW	25	101,802	106,532	105%
CLPPVAGR	4	99,164	103,791	105%
CLHGVACO	15	27,257	28,529	105%
PTMOVAHS	5	34,570	36,185	105%
CNVIVACT	26	27,801	29,102	105%
PONDVAPO	1	95,984	100,482	105%
LVTNVALN	23	76,549	80,153	105%
CLPPVACU	1	9,290	9,730	105%
CHESVACR	24	49,898	52,266	105%
SALMVASA	2	33,070	34,641	105%
DAVLVADA	9	37,024	38,793	105%
RCMDVAPS	19	18,108	18,974	105%
WISEVAWI	12	137,093	143,695	105%
NRFLVABS	35	1,514	1,587	105%
CHESVACR	27	37,574	39,394	105%
NRFLVAGS	26	31,573	33,104	105%
CHCYVACC	1	17,729	18,590	105%
VRBHVACC	48	14,085	14,771	105%
CNVIVACT	72	29,377	30,810	105%
CNVIVACT	35	8,709	9,135	105%
RCMDVARA	20	31,923	33,486	105%
NRFLVAOV	8	1,043	1,094	105%
PTBGVAPB	49	18,198	19,095	105%
RCMDVASR	9	42,731	44,843	105%
VRBHVAVB	100	6,340	6,654	105%
PLSKVAPU	13	77,013	80,824	105%
BEVLVABV	124	20,138	21,143	105%
ALXNVAFR	17	19,349	20,317	105%
CLNCVACL	9	85,316	89,594	105%
FLCHVAMF	33	2,787	2,927	105%
LVTNVALN	4	80,524	84,589	105%
RCMDVACG	9	48,008	50,432	105%
SWCKVASC	1	96,916	101,815	105%
VRBHVARC	9	53,108	55,802	105%
RCMDVAGK	4	51,384	54,004	105%
WVRLVAWV	19	55,435	58,265	105%
RCMDVASR	66	37,953	39,895	105%
DAVLVADA	21	46,028	48,384	105%
WRTNVAWR	10	97,727	102,740	105%
VRBHVACC	62	40,808	42,907	105%
PTBGVAPB	25	47,841	50,329	105%
PNRVVAPR	15	88,225	92,818	105%
CRVIVACV	1	109,850	115,572	105%
STCHVASC	2	85,628	90,089	105%
WNCHVANM	6	93,033	97,894	105%
NRFLVASP	27	6,593	6,938	105%
WRTNVAWR	18	126,371	132,989	105%
HMPNVADC	28	24,203	25,470	105%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
FRFXVABF	37	47,169	49,641	105%
STTNVAST	2	27,593	29,047	105%
NRFLVABS	59	11,215	11,807	105%
RCMDVASR	79	24,168	25,445	105%
NWNWVAJF	13	62,254	65,549	105%
GVTNVAGR	5	32,347	34,059	105%
STTNVAST	19	34,358	36,177	105%
SALMVASA	22	44,085	46,423	105%
STTNVAST	13	30,679	32,315	105%
DAVLVADA	43	44,640	47,040	105%
RCMDVASR	62	17,599	18,546	105%
PNRVVAPR	5	27,139	28,601	105%
SALMVASA	26	15,670	16,516	105%
NRFLVASP	17	22,670	23,895	105%
WHOKVAWO	1	107,029	112,870	105%
ETVLVAEV	2	117,707	124,132	105%
ARTNVAFC	12	38,147	40,232	105%
DBLNVADU	1	84,388	89,011	105%
NWNWVAHV	25	4,637	4,892	105%
WLBGVAJP	6	105,967	111,800	106%
LVTNVALN	7	66,642	70,315	106%
RDFRVARA	5	98,330	103,763	106%
NRFLVABL	11	4,983	5,261	106%
CPCHVACC	6	111,060	117,259	106%
RCMDVAGR	26	2,726	2,878	106%
VRBHVAPT	9	35,132	37,094	106%
VRBHVAVB	92	2,302	2,431	106%
PTBGVAPB	29	97,684	103,166	106%
CLHGVACO	10	45,159	47,698	106%
ALXNVAAD	48	9,864	10,420	106%
WLBGVAWM	11	14,724	15,554	106%
SFFLVASK	12	65,429	69,127	106%
SRVLVASP	12	51,570	54,488	106%
DAVLVADA	18	18,456	19,505	106%
STTNVAST	27	31,808	33,619	106%
PNRVVAPR	10	67,452	71,295	106%
FRBGVALH	9	14,100	14,912	106%
NWNWVAYK	7	45,402	48,015	106%
HRNDVAHE	82	5,286	5,590	106%
MDLTVAMD	35	14,465	15,301	106%
CHSKVACD	22	52,108	55,129	106%
SALMVASA	14	6,457	6,831	106%
VRBHVAPT	11	31,147	32,956	106%
VRBHVAVB	118	11,092	11,737	106%
ASLDVAAS	7	49,295	52,163	106%
HMPNVADC	33	19,167	20,285	106%
SRVLVASP	11	48,653	51,502	106%
RCMDVACG	54	12,364	13,091	106%
NRFLVASP	25	11,069	11,720	106%
RCMDVAPS	16	34,542	36,576	106%
VRBHVAVB	45	1,363	1,444	106%
NRFLVAWC	11	7,673	8,130	106%
RSHLVALE	7	121,168	128,415	106%
PTMOVAHS	18	6,574	6,968	106%
PTBGVAPB	19	61,677	65,384	106%
MNRLVAML	3	91,418	96,913	106%
SALMVASA	20	23,024	24,408	106%
VRBHVAIL	14	43,804	46,446	106%
VINNVAVN	24	29,066	30,829	106%
HRNDVAHE	34	1,995	2,116	106%
VRBHVAIR	8	2,396	2,541	106%
RDFRVARA	12	112,491	119,346	106%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
RCMDVALS	6	72,782	77,225	106%
BDFRVABD	30	62,704	66,533	106%
VRBHVAVB	67	53,300	56,566	106%
WVRLVAWV	5	65,957	70,000	106%
LRTNVAGU	14	4,288	4,551	106%
VRBHVACC	17	16,086	17,073	106%
DBLNVADU	2	178,522	189,499	106%
MDSNVAMA	1	83,968	89,133	106%
WNCHVAWC	21	17,009	18,058	106%
RCMDVAGR	20	12,841	13,633	106%
PRKSVAPK	1	107,048	113,658	106%
WRTNVAWR	25	23,688	25,152	106%
RONKVAGC	1	42,661	45,299	106%
SNTNVASS	2	57,546	61,131	106%
RCMDVASN	9	52,086	55,345	106%
CRBGVACB	46	86,246	91,653	106%
NRFLVAWC	5	7,044	7,486	106%
WLBGVAJP	44	32,122	34,141	106%
NWNWVAHU	26	8,442	8,974	106%
VRBHVAIR	32	5,320	5,655	106%
RCMDVAGR	9	10,340	10,991	106%
WVRLVAWV	18	63,324	67,319	106%
BCHNVABH	5	70,948	75,424	106%
NWNWVAJF	17	58,430	62,120	106%
MDBGVAMI	6	72,254	76,819	106%
ARTNVACY	37	1,763	1,875	106%
ALXNVAAD	12	7,221	7,678	106%
CHSKVAGU	2	32,203	34,247	106%
JNVLVAJV	6	86,216	91,692	106%
ARTNVAFC	13	37,924	40,333	106%
VRBHVAVB	62	12,649	13,455	106%
RONKVACS	16	85,556	91,012	106%
CLVRVACL	3	136,569	145,287	106%
RCMDVALS	12	45,822	48,752	106%
RCMDVACG	15	7,164	7,622	106%
CHSKVADC	12	42,242	44,955	106%
ARTNVAFC	30	52,108	55,456	106%
RSHLVALE	10	107,060	113,952	106%
CNVIVACT	79	30,686	32,662	106%
WVRLVAWV	21	47,093	50,135	106%
ALXNVAAD	6	38,217	40,694	106%
RCMDVASN	7	29,246	31,146	106%
VRBHVAIR	7	2,320	2,470	106%
FRFXVAFF	86	9,859	10,501	107%
NRFLVASP	22	20,329	21,653	107%
CNVIVACT	28	9,506	10,126	107%
FRFXVAFF	2	1,990	2,120	107%
PTBGVAPB	37	23,576	25,123	107%
FRBGVAFB	48	6,541	6,971	107%
RCMDVAGK	14	33,348	35,548	107%
MNRLVAML	1	114,656	122,260	107%
ASLDVAAS	11	57,626	61,449	107%
RONKVALK	47	30,971	33,028	107%
WISEVAWI	3	62,953	67,135	107%
HRNDVAST	7	16,322	17,407	107%
RONKVALK	3	5,541	5,910	107%
CPCHVACC	1	125,351	133,753	107%
CLVRVACL	10	106,367	113,501	107%
CHSKVAGU	13	17,816	19,013	107%
CLNCVACL	10	73,840	78,805	107%
PTMOVAHF	12	48,384	51,640	107%
WNCHVAWC	45	28,173	30,073	107%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
BDFRVABD	25	101,919	108,806	107%
SALMVASA	8	41,012	43,786	107%
NRFLVABL	18	12,596	13,449	107%
CHCYVACC	5	61,718	65,906	107%
PRBGVAPB	3	39,937	42,648	107%
FRBGVAFB	5	100,404	107,227	107%
RCMDVAHL	14	40,677	43,443	107%
NRFLVAGS	12	29,199	31,188	107%
HRWDVAHW	7	26,164	27,948	107%
SWCKVASC	7	98,486	105,206	107%
RSHLVALE	2	119,795	127,970	107%
WNCHVAWC	12	80,521	86,021	107%
CPCHVACC	4	113,328	121,072	107%
RCMDVAHR	37	18,813	20,100	107%
CRBGVACB	2	29,020	31,008	107%
CLVRVACL	17	75,330	80,501	107%
LBNNVARD	18	97,147	103,827	107%
CHSKVACD	7	120,878	129,197	107%
ASLDVAAS	4	93,296	99,779	107%
MNKNVAMN	4	145,725	155,855	107%
RCMDVACG	34	37,183	39,770	107%
RSHLVALE	5	112,924	120,781	107%
JNVLVAJV	2	130,717	139,812	107%
WNCHVAWC	54	19,056	20,385	107%
RONKVALK	29	6,871	7,352	107%
ALXNVAAD	13	8,785	9,400	107%
HRNDVAHE	58	5,617	6,012	107%
BTHIVABT	24	40,374	43,213	107%
DAVLVADA	20	45,825	49,054	107%
SFFLVASK	23	27,316	29,248	107%
JNVLVAJV	1	91,893	98,397	107%
WRTNVAWR	4	132,673	142,069	107%
PCVLVAPV	4	86,566	92,711	107%
CNVIVACT	64	1,485	1,590	107%
ONNCVAON	3	102,132	109,388	107%
NWNWVAHV	52	2,029	2,173	107%
NRFLVAGS	7	46,036	49,312	107%
RCMDVAGR	14	16,807	18,011	107%
CNVIVACT	87	18,686	20,030	107%
UPVLVAUP	5	62,895	67,440	107%
NRFLVAWC	36	13,054	13,999	107%
HRNDVAHE	49	5,040	5,406	107%
STTNVAST	17	24,551	26,341	107%
RCMDVASR	67	6,230	6,685	107%
CLHGVACO	20	73,294	78,650	107%
SALMVAFL	1	68,255	73,248	107%
RONKVACS	25	56,703	60,851	107%
SALMVASA	34	30,225	32,438	107%
MDLTVAMD	26	70,993	76,200	107%
CLNCVACL	6	86,250	92,580	107%
VINNVAVN	26	55,575	59,661	107%
PCVLVAPV	1	38,078	40,881	107%
BCHNVABH	7	65,207	70,011	107%
LYBGVACH	27	14,353	15,412	107%
FLCHVAMF	66	5,360	5,756	107%
WRTNVAWR	2	116,799	125,455	107%
QNTNVAQN	3	94,041	101,022	107%
RCMDVARA	2	13,588	14,598	107%
RCMDVACG	44	7,941	8,531	107%
SPFDVASP	20	3,251	3,493	107%
WNCHVAWC	24	19,936	21,428	107%
PNRVVAPR	9	74,677	80,266	107%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
NRFLVASP	35	57,651	61,971	107%
CRVLVACV	7	122,201	131,362	107%
RCMDVAHL	34	34,452	37,037	108%
RONKVABS	1	38,620	41,523	108%
WVRLVAWV	8	76,848	82,627	108%
NWNWVAHU	3	2,285	2,457	108%
CRBGVACB	1	8,585	9,232	108%
HRNDVAHE	46	12,220	13,142	108%
BLBGVABB	20	17,437	18,754	108%
RONKVALK	62	33,700	36,244	108%
CRBGVACB	23	11,944	12,846	108%
VRBHVAVB	16	29,014	31,207	108%
MCKYVAMK	11	77,802	83,688	108%
NWNWVAJF	7	56,369	60,639	108%
ALXNVAAD	5	2,904	3,124	108%
GRFLVAGF	9	108,914	117,196	108%
DAVLVAFP	8	35,474	38,173	108%
STTNVAST	15	9,737	10,478	108%
DAVLVADA	7	73,602	79,204	108%
NRFLVASP	12	20,944	22,542	108%
WTFRVAWT	1	106,440	114,561	108%
PONDVAPO	6	98,229	105,724	108%
RONKVABK	12	36,455	39,240	108%
STDRVASD	6	97,793	105,269	108%
RCMDVAIT	6	59,775	64,345	108%
CLHGVACO	17	30,125	32,428	108%
SFFLVASK	25	21,589	23,240	108%
BEVLVABV	11	17,442	18,776	108%
BEVLVABV	27	35,302	38,005	108%
NRFLVASP	9	34,048	36,658	108%
SFFLVASK	13	24,614	26,504	108%
RCMDVASR	46	4,336	4,669	108%
RONKVALK	16	21,710	23,379	108%
FRBGVALH	16	24,281	26,151	108%
SFFLVASK	16	12,976	13,978	108%
FRFXVABF	48	13,351	14,385	108%
RSTNVAFM	42	4,011	4,321	108%
CPCHVACC	2	114,551	123,447	108%
PNGPVAPG	5	87,542	94,341	108%
ARTNVAAR	93	1,043	1,124	108%
MCHVVAMV	8	107,615	115,988	108%
LYBGVACH	12	2,846	3,068	108%
UPVLVAUP	6	44,651	48,131	108%
RCMDVAGR	73	42,704	46,040	108%
RONKVABS	5	162,152	174,822	108%
ALXNVAAX	15	18,418	19,859	108%
CLHGVACO	16	53,883	58,100	108%
FRFXVAFF	28	12,539	13,520	108%
ARTNVACY	3	1,929	2,080	108%
TOANVATO	15	77,195	83,259	108%
NRFLVABL	8	33,897	36,567	108%
CHSKVADC	16	21,731	23,444	108%
VRBHVAPT	54	12,130	13,087	108%
CRBGVACB	22	26,767	28,882	108%
CMLDVACU	9	69,627	75,140	108%
NWNWVAJF	12	71,544	77,209	108%
QNTNVAQN	7	114,406	123,480	108%
MCKYVAMK	4	68,380	73,804	108%
RONKVABK	23	55,680	60,108	108%
ALXNVAAD	14	11,866	12,810	108%
ORNGVAOR	1	18,257	19,710	108%
ALXNVABA	20	9,341	10,085	108%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
PTMOVAHF	18	104,910	113,272	108%
HPWLVAHW	10	94,177	101,696	108%
DAVLVAFP	3	175,569	189,594	108%
SRVLVASP	1	117,899	127,317	108%
PNGPVAPG	13	93,011	100,448	108%
CMLDVACU	14	81,788	88,327	108%
WVRLVAWV	11	57,101	61,668	108%
NRFLVABS	51	31,713	34,251	108%
CPCHVACC	5	180,135	194,561	108%
RCMDVACG	35	33,866	36,579	108%
MDBGVAMI	11	96,498	104,238	108%
CHESVACR	5	64,362	69,531	108%
RDFRVARA	15	41,297	44,614	108%
WLBGVAJP	39	43,734	47,250	108%
CRBGVACB	14	2,430	2,625	108%
LBNNVALB	3	48,371	52,277	108%
LBNNVALB	7	108,057	116,790	108%
NRFLVASP	20	5,517	5,964	108%
SRVLVASP	8	46,600	50,371	108%
FRFXVAFF	30	28,882	31,227	108%
ALXNVACN	5	15,959	17,255	108%
RCMDVACG	18	12,307	13,308	108%
SNMTVASM	20	92,734	100,282	108%
RSTNVAFM	27	1,720	1,860	108%
CHSKVADC	15	43,367	46,902	108%
PRBGVAPB	5	51,514	55,721	108%
NWNWVAHU	20	38,304	41,452	108%
GRFLVAGF	6	70,175	75,953	108%
DANTVADA	1	92,448	100,063	108%
CLNCVACL	2	103,033	111,523	108%
CGVLVACL	8	65,133	70,500	108%
VRBHVAPT	27	37,290	40,365	108%
SFFLVASK	17	38,358	41,526	108%
RONKVALK	68	25,931	28,073	108%
LVTNVALN	18	75,068	81,269	108%
JNVLVAJV	10	100,405	108,707	108%
VRBHVAIR	26	4,796	5,193	108%
DAVLVADA	23	32,397	35,077	108%
VRBHVAIL	16	35,327	38,251	108%
SFFLVASK	28	59,840	64,794	108%
CRVIVACV	4	44,010	47,655	108%
GCLDVAGO	7	64,517	69,861	108%
VRBHVAIR	21	24,425	26,449	108%
VRBHVACT	9	56,181	60,846	108%
HMPNVAQN	19	51,157	55,414	108%
NRFLVAGS	11	26,803	29,038	108%
PTMOVAHS	6	26,223	28,414	108%
LYBGVATM	4	57,998	62,844	108%
WLBGVAJP	28	69,128	74,910	108%
RCMDVAGR	54	462	500	108%
CLPPVALI	2	60,699	65,781	108%
RCMDVAPE	12	10,131	10,979	108%
HRNDVAHE	59	4,294	4,654	108%
PTBGVAPB	15	78,449	85,048	108%
NRFLVASP	38	32,134	34,839	108%
MDLTVAMD	6	102,178	110,779	108%
WNCHVAWC	51	40,913	44,360	108%
LYBGVACH	19	39,751	43,107	108%
BEVLVABV	241	613	665	108%
SNMTVASM	21	151,380	164,174	108%
RDFRVARA	17	42,206	45,776	108%
CLPPVACU	18	74,547	80,864	108%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
PTBGVAPB	60	44,679	48,466	108%
CLVRVACL	6	37,629	40,824	108%
VRBHVAIR	38	32,829	35,621	109%
FRBGVAFB	20	38,342	41,604	109%
RCMDVAHR	16	20,010	21,712	109%
BEVLVABV	158	17,751	19,263	109%
RCMDVAPE	23	46,549	50,514	109%
RCMDVACG	12	38,801	42,107	109%
VINNVAVN	38	30,176	32,751	109%
CRVLVACV	10	78,364	85,059	109%
BTHIVABT	20	14,664	15,920	109%
ARTNVAAR	20	13,271	14,410	109%
BCKNVABC	5	70,735	76,817	109%
BTHIVABT	29	43,450	47,198	109%
VINNVAVN	8	58,453	63,496	109%
RONKVAGC	6	39,967	43,415	109%
SWCKVASC	6	60,061	65,250	109%
LYBGVACH	23	6,350	6,899	109%
SNTNVASS	15	50,971	55,385	109%
LYBGVACH	24	4,037	4,387	109%
CHSKVACD	4	52,815	57,400	109%
HMPNVADC	30	20,586	22,373	109%
RCMDVASR	70	10,946	11,897	109%
RCMDVARA	8	52,404	56,958	109%
ALXNVAMV	28	26,928	29,271	109%
MDSNVAMA	4	108,261	117,686	109%
CHHMVACH	16	100,172	108,895	109%
ARTNVAAR	97	1,060	1,153	109%
VRBHVACC	36	29,647	32,235	109%
WNCHVAWC	32	24,023	26,122	109%
RCMDVAGR	33	861	937	109%
ALXNVAMV	22	30,730	33,421	109%
HRNDVAHE	31	9,086	9,881	109%
WNCHVAWC	48	13,006	14,146	109%
ALXNVAMV	32	109,161	118,729	109%
VRBHVASR	5	55,996	60,906	109%
WRTNVAWR	22	12,877	14,008	109%
MDSNVAMA	8	89,585	97,471	109%
PNRVVAPR	16	78,439	85,347	109%
SALMVASA	5	58,554	63,713	109%
WNTRVAWG	3	49,053	53,384	109%
WNCHVAWC	42	31,470	34,248	109%
VRBHVAVB	60	1,895	2,062	109%
RCMDVACG	8	47,668	51,886	109%
PNRVVAPR	1	116,178	126,469	109%
LBNNVARD	16	120,128	130,773	109%
NRFLVABL	1	8,789	9,568	109%
LYBGVAYB	1	76,460	83,244	109%
ALXNVAAX	3	8,377	9,120	109%
NRWSVANA	5	81,606	88,853	109%
ONNCVAON	12	124,173	135,200	109%
PTMOVAHF	2	69,069	75,208	109%
RONKVALK	12	13,993	15,238	109%
WSPNVAWP	5	68,606	74,712	109%
LVTNVALN	9	94,081	102,461	109%
WRTNVAWR	21	46,837	51,010	109%
GNWDVAGW	1	133,087	144,950	109%
CRBGVACB	27	46,513	50,660	109%
RONKVALK	10	36,247	39,482	109%
NWNWVAJF	47	50,179	54,657	109%
ARTNVAFC	16	40,386	43,998	109%
MDBGVAMI	3	90,161	98,260	109%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
TOANVATO	8	107,167	116,797	109%
LBNNVARD	17	135,290	147,448	109%
CHHMVACH	25	103,535	112,847	109%
DVPTVADP	3	100,242	109,262	109%
CHHMVACH	3	85,516	93,219	109%
BCKNVABC	8	110,912	120,910	109%
CNVIVACT	7	29,566	32,233	109%
BLBGVABB	26	30,717	33,489	109%
LBNNVARD	10	96,149	104,828	109%
DANTVADA	4	97,053	105,815	109%
WNCHVANM	4	79,118	86,262	109%
VRBHVAVB	99	27,237	29,697	109%
ETVLVAEV	5	88,163	96,132	109%
ARTNVAFC	32	38,270	41,732	109%
VRBHVAVB	101	1,930	2,105	109%
RCMDVAHR	31	44,036	48,021	109%
SNMTVASM	3	71,317	77,788	109%
BEVLVABV	6	34,566	37,702	109%
NRFLVABL	14	13,109	14,299	109%
LOUSVALU	8	54,673	59,638	109%
CHESVACR	9	13,880	15,141	109%
LYBGVATM	19	86,699	94,581	109%
LVTNVALN	6	101,190	110,393	109%
STPLVASP	1	144,681	157,850	109%
RCMDVASR	74	8,481	9,254	109%
VRBHVAIL	21	34,893	38,073	109%
EXMRVAEX	13	77,783	84,874	109%
VRBHVAIR	31	6,942	7,575	109%
HMPNVAAB	15	29,502	32,192	109%
CRVIVACV	19	91,824	100,207	109%
NWNWVAHU	39	44,853	48,949	109%
STCHVASC	6	55,306	60,360	109%
NRFLVAWC	37	34,487	37,641	109%
RCMDVAIT	14	52,412	57,209	109%
SWCKVASC	5	99,613	108,754	109%
NRTNVANO	2	96,588	105,455	109%
WLBGVAWM	14	27,328	29,840	109%
BOYCVABY	7	123,578	134,935	109%
ARTNVAFC	39	39,701	43,350	109%
MDBGVAMI	13	137,136	149,753	109%
RMTNVARE	1	150,291	164,124	109%
ARTNVACY	9	666	727	109%
CHHMVACH	9	113,713	124,181	109%
PRKSVAPK	7	124,903	136,402	109%
BEVLVABV	108	24,828	27,114	109%
NRFLVAWC	39	11,389	12,438	109%
LVTNVALN	1	114,501	125,057	109%
VRBHVAVB	85	2,522	2,756	109%
CLVRVACL	16	100,043	109,297	109%
NRFLVABL	25	11,331	12,379	109%
SWVLVASV	4	158,056	172,686	109%
RCMDVARA	6	12,560	13,723	109%
HYSIVAHY	1	95,276	104,115	109%
LBNNVARD	5	51,635	56,427	109%
GNBOVAGA	4	107,036	116,978	109%
RCMDVARA	21	11,406	12,466	109%
DNWDVADW	14	102,453	111,983	109%
VRBHVAPT	14	34,678	37,905	109%
RONKVALK	38	12,095	13,221	109%
DBLNVADU	8	161,833	176,904	109%
HPWLVAHW	33	21,921	23,964	109%
MNKNVAMN	7	70,562	77,145	109%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
SALMVASA	25	20,254	22,144	109%
RCMDVACG	20	20,105	21,981	109%
CLPPVACU	20	33,882	37,047	109%
RCMDVALS	43	35,990	39,357	109%
MDBGVAMI	7	101,854	111,408	109%
SALMVAMC	3	39,481	43,186	109%
GCLDVAGO	1	83,115	90,915	109%
ASLDVAAS	3	94,551	103,459	109%
LYBGVAOF	5	27,439	30,026	109%
ORNGVAOR	10	93,455	102,272	109%
PLSKVAPU	5	104,482	114,341	109%
TOANVATO	16	85,121	93,162	109%
NLFRVANF	1	77,680	85,019	109%
FRBGVAFB	75	97,388	106,591	109%
CHESVACR	16	22,290	24,398	109%
RCMDVATC	7	46,598	51,006	109%
FRFXVAFF	56	7,636	8,360	109%
RCMDVAHR	5	33,242	36,394	109%
CHHMVACH	5	146,906	160,841	109%
SFFLVASK	30	42,530	46,573	110%
SALMVAFL	3	32,686	35,797	110%
WLBGVAWM	17	34,712	38,019	110%
STTNVAST	6	132,930	145,600	110%
PONDVAPO	8	71,020	77,792	110%
ETVLVAEV	3	65,600	71,856	110%
RONKVACS	11	91,770	100,525	110%
VINNVAVN	12	24,782	27,150	110%
CLPPVACU	15	60,523	66,307	110%
VRBHVAVB	42	7,979	8,742	110%
NRWSVANA	2	112,607	123,382	110%
CLNCVACL	11	61,578	67,476	110%
HPWLVAHW	26	57,402	62,900	110%
HMPNVAQN	14	43,963	48,180	110%
NRWSVANA	12	77,370	84,797	110%
RCMDVASN	12	30,559	33,493	110%
RCMDVAGK	17	26,583	29,135	110%
RCMDVACG	26	52,417	57,450	110%
MRSHVAMA	5	109,136	119,629	110%
HMPNVAQN	26	40,881	44,814	110%
NRFLVABL	5	49,303	54,047	110%
RCMDVACG	19	9,047	9,918	110%
LYBGVACH	52	16,801	18,420	110%
ONNCVAON	6	98,585	108,101	110%
HRNDVAHE	27	16,219	17,785	110%
HPWLVAHW	18	90,946	99,728	110%
SALMVAMC	5	79,169	86,825	110%
PWHTVAPW	13	104,617	114,737	110%
EXMRVAEX	9	154,006	168,913	110%
HLBOVAHB	1	111,838	122,666	110%
HRNDVAHE	84	8,263	9,063	110%
TOANVATO	10	126,993	139,318	110%
CHSKVAGU	8	49,765	54,597	110%
BCKNVABC	14	105,731	116,007	110%
STPLVASP	5	86,608	95,026	110%
STCYVASC	10	96,129	105,480	110%
VRBHVAVB	123	6,313	6,928	110%
HYSIVAHY	10	91,342	100,240	110%
HNKRVAHK	4	100,368	110,147	110%
VRBHVAIL	19	54,264	59,554	110%
VINNVAVN	35	8,285	9,093	110%
RONKVABK	22	51,804	56,859	110%
UPVLVAUP	4	49,898	54,769	110%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
BCKNVABC	4	118,816	130,416	110%
FRBGVAFB	26	56,966	62,528	110%
CHSKVACD	13	35,501	38,969	110%
TOANVATO	11	105,533	115,846	110%
ETVLVAEV	4	64,022	70,288	110%
APLCVAAP	6	79,146	86,891	110%
CMLDVACU	15	66,337	72,838	110%
MCHVVAMV	6	124,238	136,425	110%
FLCHVAMF	27	7,924	8,702	110%
ALXNVAAD	11	16,300	17,902	110%
RONKVALK	7	23,840	26,184	110%
GRFLVAGF	1	37,726	41,438	110%
BOYCVABY	10	102,468	112,573	110%
PONDVAPO	9	105,789	116,228	110%
PNRVVAPR	6	65,855	72,356	110%
HPWLVAHW	8	83,376	91,611	110%
FRBGVAFB	10	85,785	94,278	110%
CHESVACR	18	54,621	60,031	110%
VRBHVAPT	53	17,837	19,604	110%
SNMTVASM	14	118,351	130,079	110%
CHCYVACC	15	102,176	112,308	110%
STDRVASD	13	47,324	52,023	110%
VRBHVARC	19	3,113	3,423	110%
VRBHVACC	9	34,864	38,331	110%
RONKVACV	5	77,979	85,735	110%
CHHMVACH	17	100,819	110,899	110%
SHVLVASW	2	121,142	133,258	110%
NRFLVAGS	47	7,569	8,326	110%
HYSIVAHY	5	90,854	99,943	110%
FRFXVAFF	45	38,079	41,890	110%
BLBGVABB	37	60,885	66,982	110%
LYBGVACH	38	8,929	9,824	110%
WNCHVAWC	18	65,114	71,646	110%
RMTNVARE	9	75,304	82,859	110%
CLVRVACL	19	91,646	100,849	110%
BLBGVABB	28	42,465	46,732	110%
NRFLVAGS	72	42,454	46,722	110%
DAVLVADA	40	79,807	87,831	110%
WNCHVANM	2	93,632	103,047	110%
CRVIVACV	9	63,732	70,144	110%
MNKNVAMN	6	100,146	110,244	110%
LYBGVACH	15	39,576	43,571	110%
VRBHVAVB	115	30,728	33,833	110%
RONKVACS	15	122,014	134,346	110%
ARTNVAAR	58	30,050	33,090	110%
WNCHVAWC	35	13,171	14,503	110%
CLHGVACO	14	15,128	16,659	110%
RDFRVARA	1	34,378	37,871	110%
VRBHVACC	3	5,851	6,446	110%
VRBHVAGN	16	7,837	8,634	110%
STCHVASC	4	79,691	87,795	110%
RCMDVAHR	15	41,043	45,219	110%
ALXNVABR	1	2,443	2,691	110%
CHHMVACH	7	71,920	79,260	110%
CHHMVACH	15	77,390	85,291	110%
DAVLVADA	2	20,501	22,593	110%
WLBGVAJP	36	7,211	7,948	110%
RCMDVALS	21	14,209	15,662	110%
BEVLVABV	15	45,099	49,712	110%
FLCHVAMF	43	44,386	48,926	110%
DNWDVADW	1	105,596	116,403	110%
ALXNVAFR	15	20,832	22,968	110%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
RONKVALK	58	42,450	46,809	110%
VRBHVAIR	22	30,007	33,088	110%
SNTNVASS	6	121,542	134,028	110%
LYBGVACH	33	49,979	55,116	110%
RCMDVAGR	78	15,119	16,673	110%
RNGLVARG	3	135,592	149,537	110%
JNVLVAJV	3	66,159	72,964	110%
CCVLVACH	8	66,461	73,302	110%
PTBGVAPB	3	88,774	97,927	110%
ALXNVAAX	54	4,017	4,432	110%
RONKVALK	48	36,590	40,367	110%
WNCHVAWC	41	104,486	115,273	110%
WHVLVAWH	9	82,256	90,757	110%
RCMDVASR	56	5,406	5,965	110%
NRFLVAWC	17	7,012	7,738	110%
RCMDVAGR	74	26,585	29,337	110%
FRFXVABF	38	36,699	40,497	110%
ALXNVAMV	18	40,921	45,158	110%
RCMDVAHL	17	19,952	22,018	110%
VINNVAVN	20	6,356	7,014	110%
STCYVASC	13	107,291	118,416	110%
PLSKVAPU	18	119,145	131,505	110%
STCHVASC	5	70,584	77,908	110%
NRFLVASP	18	20,837	23,000	110%
CLWDVACW	6	102,638	113,300	110%
LYBGVACH	11	90,823	100,259	110%
LRTNVAGU	9	32,222	35,572	110%
DNWDVADW	4	105,709	116,706	110%
NRFLVABL	13	13,386	14,779	110%
NRFLVAGS	28	2,400	2,650	110%
WLBGVAJP	17	60,622	66,934	110%
SALMVASA	21	40,737	44,979	110%
NRFLVAGS	78	30,988	34,217	110%
FRFXVAFF	73	2,348	2,593	110%
CRBGVACB	28	86,384	95,387	110%
DAVLVADA	41	58,565	64,668	110%
WVRLVAWV	4	89,707	99,058	110%
CMLDVACU	3	77,453	85,527	110%
CMLDVACU	17	77,853	85,977	110%
CGVLVACL	1	100,460	110,973	110%
RCMDVAHR	7	43,056	47,571	110%
NRFLVAGS	52	3,336	3,687	111%
WNCHVAWC	47	43,100	47,634	111%
WNCHVAWC	50	83,113	91,878	111%
CRVLVACV	5	64,757	71,587	111%
PNGPVAPG	9	111,656	123,447	111%
WRTNVAWR	19	55,443	61,306	111%
RCMDVASR	69	5,367	5,935	111%
CNCRVACN	1	111,620	123,424	111%
ARTNVAFC	25	7,621	8,429	111%
CLPPVACU	8	81,300	89,923	111%
FIFEVAFI	14	99,001	109,502	111%
MNKNVAMN	2	137,447	152,028	111%
SALMVAFL	4	7,906	8,745	111%
DNWDVADW	13	82,476	91,228	111%
RCMDVATC	4	103,148	114,105	111%
WISEVAWI	11	126,599	140,050	111%
LRTNVAGU	4	100,779	111,496	111%
WHOKVAWO	6	100,025	110,662	111%
DANTVADA	3	102,318	113,214	111%
RSHLVALE	9	92,480	102,330	111%
ALXNVABA	32	15,054	16,657	111%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
FRFXVAFF	88	2,107	2,332	111%
FRFXVABF	40	15,922	17,620	111%
CRVIVACV	22	73,251	81,089	111%
WHOKVAWO	5	79,529	88,040	111%
LVVLVALV	3	118,450	131,128	111%
PTBGVAPB	59	25,260	27,964	111%
HMPNVAQN	16	31,126	34,458	111%
VRBHVARC	28	1,764	1,953	111%
CHHMVACH	11	96,076	106,361	111%
PTBGVAPB	12	79,794	88,342	111%
PTBGVAPB	8	126,636	140,215	111%
LYBGVACV	4	66,731	73,888	111%
ALXNVAAD	58	8,837	9,786	111%
WSPNVAWP	3	83,326	92,278	111%
ETVLVAEV	7	90,381	100,098	111%
WLBGVAWM	9	59,520	65,930	111%
LYBGVACH	26	11,756	13,024	111%
PTMOVAHF	10	55,452	61,437	111%
VRBHVAIL	15	36,364	40,292	111%
FRFXVABF	42	15,040	16,665	111%
FRBGVAFB	79	19,308	21,395	111%
RDFRVARA	18	74,069	82,079	111%
BLBGVABB	18	54,237	60,105	111%
ALXNVAAX	18	2,387	2,645	111%
NRFLVASP	14	16,761	18,576	111%
BDFRVABD	8	73,466	81,424	111%
CLPPVALI	4	44,628	49,463	111%
LYBGVAYB	2	75,824	84,042	111%
APLCVAAP	4	48,778	54,067	111%
NRFLVABS	32	2,514	2,786	111%
NRWSVANA	7	31,506	34,923	111%
NLFRVANF	4	60,710	67,297	111%
RCMDVAPS	11	17,212	19,080	111%
MNKNVAMN	1	137,796	152,759	111%
ORNGVAOR	20	47,651	52,830	111%
DCVLVADV	10	81,831	90,726	111%
LVTNVALN	8	69,412	76,957	111%
CNCTVACT	2	63,952	70,907	111%
LVTNVALN	19	65,860	73,029	111%
MDBGVAMI	5	76,285	84,598	111%
CNVIVACT	1	28,077	31,139	111%
VRBHVAVB	44	1,115	1,236	111%
NRFLVABS	17	3,510	3,893	111%
RCMDVACG	46	32,243	35,769	111%
MCHVVAMV	15	68,428	75,912	111%
RCMDVAGK	22	48,181	53,454	111%
MCHVVAMV	16	51,813	57,485	111%
VRBHVAVB	38	1,125	1,248	111%
VRBHVAVB	7	6,986	7,752	111%
CRBGVACB	11	97,980	108,726	111%
BEVLVABV	250	384	426	111%
RONKVALK	6	54,518	60,499	111%
ALXNVAAX	56	3,033	3,366	111%
CHSKVAGU	11	26,994	29,956	111%
CLPPVAGR	11	99,899	110,871	111%
WVRLVAWV	10	27,295	30,295	111%
RCMDVAPS	28	5,181	5,751	111%
WTFRVAWT	6	92,467	102,652	111%
COBNVACB	3	74,169	82,342	111%
RONKVALK	43	13,734	15,248	111%
STCHVASC	3	66,181	73,478	111%
VRBHVACC	55	33,911	37,654	111%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
BKBGVABB	8	55,175	61,266	111%
VRBHVAIL	3	17,955	19,939	111%
RONKVACS	39	47,315	52,545	111%
CLVRVACL	7	109,929	122,085	111%
SNTNVASS	1	42,088	46,745	111%
PRBGVAPB	9	129,006	143,324	111%
WLBGVAJP	25	54,389	60,426	111%
NWNWVAHU	6	10,176	11,307	111%
FRFXVAFF	79	18,648	20,723	111%
JNVLVAJV	11	92,962	103,306	111%
WISEVAWI	7	173,721	193,057	111%
DANTVADA	6	55,216	61,364	111%
CRVLVACV	9	106,672	118,550	111%
ARTNVAAR	62	19,081	21,206	111%
DNWDVADW	2	78,531	87,288	111%
STDRVASD	7	95,094	105,709	111%
FRFXVAFF	14	6,997	7,779	111%
ARTNVAAR	59	18,148	20,177	111%
BLBGVABB	15	70,102	77,951	111%
VRBHVAPT	22	50,453	56,106	111%
RCMDVAHL	28	32,204	35,813	111%
TOANVATO	9	94,581	105,181	111%
FRFXVAFF	76	13,422	14,927	111%
BGISVABI	2	78,464	87,267	111%
RCMDVACG	27	34,729	38,626	111%
WVRLVAWV	1	32,628	36,289	111%
VRBHVACC	27	15,766	17,535	111%
ARTNVAAR	9	32,218	35,835	111%
RSHLVALE	8	103,042	114,613	111%
PRBGVAPB	6	73,271	81,503	111%
CLPPVACU	22	79,414	88,338	111%
LBNNVARD	12	116,167	129,228	111%
BLBGVABB	31	15,093	16,791	111%
NRTNVANO	5	48,322	53,760	111%
WNTRVAWG	1	49,766	55,367	111%
SWCKVASC	3	139,626	155,355	111%
RCMDVASR	4	7,657	8,521	111%
BCKNVABC	13	75,122	83,602	111%
RCMDVAIT	16	18,076	20,117	111%
SNMTVASM	12	70,887	78,896	111%
RCMDVACG	31	66,707	74,245	111%
MCHVVAMV	9	126,909	141,257	111%
GRFLVAGF	10	64,348	71,638	111%
LYBGVACH	21	4,719	5,254	111%
VRBHVAPT	45	45,313	50,449	111%
HMPNVAQN	17	38,069	42,385	111%
HYSIVAHY	3	52,715	58,693	111%
RCMDVAPS	18	10,290	11,459	111%
CRVIVACV	20	56,887	63,353	111%
ALXNVAMV	39	41,043	45,709	111%
VRBHVARC	10	51,029	56,835	111%
VRBHVACC	5	21,374	23,807	111%
PLSKVAPU	8	122,036	135,959	111%
CLPPVARV	2	117,625	131,058	111%
FLCHVAMF	47	56,126	62,548	111%
PCVLVAPV	5	59,456	66,267	111%
ETVLVAEV	1	97,142	108,288	111%
HYSIVAHY	9	83,674	93,276	111%
ALXNVAMV	9	35,219	39,263	111%
MDLTVAMD	18	36,746	40,969	111%
VRBHVAGN	13	31,568	35,197	111%
CLNCVACL	8	82,118	91,560	111%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
SALMVASA	23	23,646	26,367	112%
RSTNVAFM	50	5,698	6,353	112%
BGISVABI	1	89,492	99,800	112%
FRBGVAFB	53	5,408	6,031	112%
ALXNVAMV	15	66,024	73,635	112%
CNVIVACT	55	42,443	47,336	112%
RSHLVALE	13	114,810	128,048	112%
WNTRVAWG	4	49,440	55,142	112%
NWNWVAHV	20	53,851	60,066	112%
LSBGVALB	4	58,087	64,801	112%
NRFLVAWC	2	13,944	15,556	112%
VRBHVAVB	66	3,904	4,355	112%
BSGPVABG	2	99,002	110,454	112%
RCMDVAGR	44	7,781	8,682	112%
EXMRVAEX	11	134,295	149,850	112%
LVTNVALN	2	60,471	67,477	112%
RONKVABK	35	25,233	28,158	112%
MRSHVAMA	18	60,424	67,436	112%
MDSNVAMA	3	69,323	77,368	112%
VRBHVARC	32	35,778	39,931	112%
FRBGVAFB	25	19,298	21,538	112%
SPFDVASP	32	60,869	67,939	112%
RCMDVARA	7	49,980	55,789	112%
STTNVAVE	3	118,475	132,252	112%
PTMOVAHF	8	32,438	36,211	112%
COBNVACB	4	91,435	102,082	112%
HPWLVAHW	19	11,030	12,316	112%
WLBGVAWM	8	36,213	40,434	112%
CHSKVADC	8	48,329	53,965	112%
CRBGVACB	13	42,222	47,147	112%
RCMDVAPE	28	28,186	31,474	112%
SWVLVASV	10	164,794	184,029	112%
FRBGVAFB	35	13,623	15,214	112%
FLCHVAMF	44	35,754	39,929	112%
PONDVAPO	4	44,011	49,152	112%
FLCHVAMF	35	12,612	14,087	112%
CHHMVACH	2	85,348	95,334	112%
MNKNVAMN	3	110,274	123,181	112%
RONKVALK	53	48,165	53,804	112%
FRFXVABF	30	20,012	22,355	112%
CHCYVACC	8	56,981	63,653	112%
ARTNVAFC	41	15,613	17,442	112%
CLVRVACL	11	75,257	84,076	112%
NRFLVABS	61	10,568	11,807	112%
WNCHVANM	8	45,545	50,885	112%
RCMDVACG	32	18,193	20,327	112%
RCMDVAHR	20	9,787	10,936	112%
RCMDVAHS	3	12,591	14,069	112%
HMPNVADC	4	89,735	100,274	112%
ARTNVAAR	56	937	1,047	112%
CGVLVACL	9	65,335	73,017	112%
ARTNVAAR	108	42,125	47,080	112%
ARTNVAFC	37	37,094	41,459	112%
CLHGVACO	8	20,709	23,147	112%
FRBGVAFB	80	31,669	35,398	112%
MRSHVAMA	14	115,962	129,620	112%
VRBHVACC	34	3,921	4,382	112%
LYBGVACH	42	53,965	60,330	112%
CMLDVACU	10	80,951	90,500	112%
TOANVATO	7	61,292	68,526	112%
RONKVACS	27	78,575	87,851	112%
CRVIVACV	21	81,588	91,224	112%

WCCLLI	Cluster	MST Ft	Total distribution route distance in cluster, Ft	MST Ratio
(1)	(2)	(3)	(4)	(5)
CLHGVACO	13	37,912	42,397	112%
CRBGVACB	24	7,611	8,512	112%
SRVLVASP	13	65,470	73,220	112%
CRBGVACB	31	11,892	13,300	112%
PLSKVAPU	7	89,140	99,698	112%
VRBHVAVB	2	5,142	5,751	112%
MRSHVAMA	15	85,421	95,548	112%
DRVRVADR	2	96,691	108,157	112%
ASLDVAAS	10	68,335	76,439	112%
STPLVASP	3	106,061	118,639	112%
SPFDVASP	14	4,295	4,805	112%
FRBGVAFB	36	19,198	21,479	112%
CHSKVACD	21	45,448	50,850	112%
BTHIVABT	4	91,913	102,839	112%
CHCYVACC	14	101,779	113,890	112%
BDFRVABD	7	124,801	139,651	112%
RONKVACS	14	96,153	107,605	112%
RONKVALK	9	30,067	33,649	112%
RDFRVARA	4	117,915	131,968	112%
BDFRVABD	15	108,197	121,102	112%
STCYVASC	4	126,335	141,411	112%
PTBGVAPB	1	9,758	10,923	112%
FRBGVAFB	34	8,721	9,761	112%
CHHMVACH	12	84,055	94,085	112%
PTMOVAHS	31	5,918	6,625	112%
ARTNVAFC	40	29,622	33,163	112%
LSBGVALB	11	50,722	56,787	112%
PTMOVAHS	32	26,715	29,911	112%
ARTNVAAR	13	4,996	5,595	112%
DVPTVADP	2	108,763	121,807	112%
LBNNVALB	6	84,627	94,782	112%
NRFLVASP	33	35,631	39,909	112%
LYBGVANL	2	113,135	126,731	112%
CRVIVACV	7	35,549	39,821	112%
LOUSVALU	13	95,555	107,040	112%
NWNWVAHU	35	41,017	45,947	112%
RCMDVAHL	16	18,774	21,034	112%
PCVLVAPV	2	112,402	125,932	112%
ARTNVAAR	12	19,325	21,651	112%
ALXNVAAX	4	24,065	26,971	112%
SALMVASA	32	24,198	27,121	112%
MCHVVAMV	4	181,900	203,875	112%
RCMDVALS	8	4,709	5,278	112%
DAVLVADA	46	13,218	14,816	112%
CRBGVACB	10	72,371	81,120	112%
EXMRVAEX	4	81,757	91,646	112%
GNBOVAGA	6	128,120	143,621	112%
ALXNVAAD	41	58,307	65,365	112%
HMPNVAQN	3	27,245	30,546	112%
PTBGVACD	6	147,010	164,825	112%
DRVRVADR	4	87,180	97,746	112%
LYBGVACH	48	37,149	41,651	112%
RONKVALK	66	40,624	45,558	112%
CHCYVACC	19	20,734	23,253	112%
MCHVVAMV	11	112,391	126,050	112%
RCMDVAPE	16	52,354	58,717	112%
SNMTVASM	2	155,804	174,741	112%
BDFRVABD	21	88,415	99,167	112%
PTBGVAPB	14	116,096	130,219	112%
MCHVVAMV	5	72,625	81,463	112%
BGISVABI	3	80,185	89,952	112%
CLPPVACU	13	74,031	83,049	112%